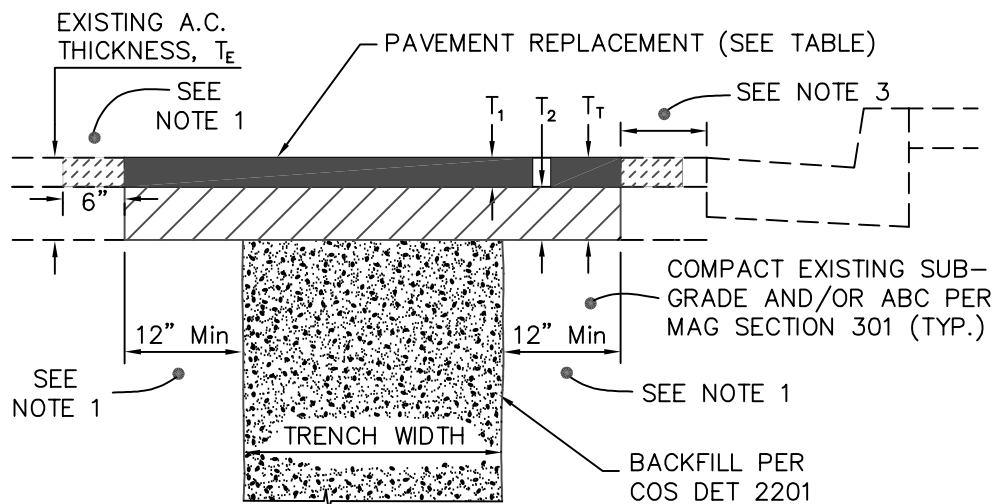


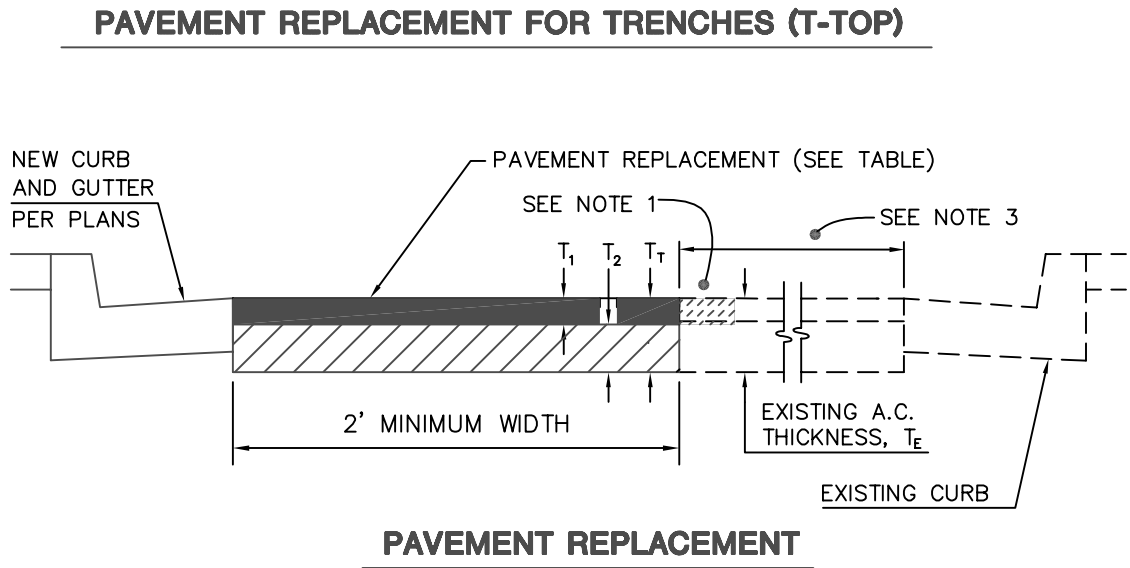
REVISED 3/28/02



EXISTING PAVEMENT THICKNESS, T_E	AC PAVEMENT REPLACEMENT TABLE		
	AC SINGLE COURSE OR SURFACE COURSE, T_1	AC BASE COURSE, T_2	TOTAL THICKNESS, T_T
$T_E \leq 3"$	3" MINIMUM	NONE	3" MINIMUM
$T_E > 3"$	2" MINIMUM	2" MINIMUM	T_E (MATCH EXIST)

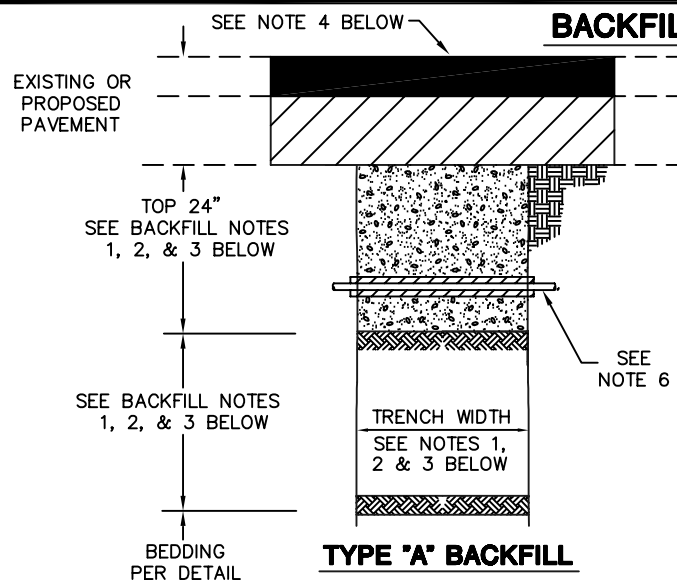
PAVEMENT REPLACEMENT NOTES

- "T"-TOP REQUIRED FOR ALL TRENCHES. A.C. SURFACE COURSE REPLACEMENT TO BE MILLED DOUBLE "T" CONFIGURATION AS SPECIFIED BELOW FOR PAVEMENTS 4" AND THICKER.
 - FOR PAVEMENT 4 YEARS AND OLDER: INITIAL A.C. REMOVAL TO BE THE MINIMUM WIDTH REQUIRED FOR PROPER TRENCH COMPACTION. SAWCUT & REMOVE 12" OF A.C. MINIMUM ON EACH SIDE OF THE TRENCH FOR THE "T"-TOP AFTER THE BACKFILL MATERIAL IS PLACED. PAVEMENTS 4" AND THICKER, MILL AND REMOVE THE TOP 2" OF THE SURFACE COURSE A MINIMUM OF 6" ON EACH SIDE OF THE T-TOP PRIOR TO PLACEMENT OF THE FINAL SURFACE COURSE LIFT.
 - FOR NEW AND OVERLAYED PAVEMENT LESS THAN 4 YEARS OLD AND WHEN ALLOWED UNDER THE PROVISIONS OF SCOTTSDALE REVISED CODE SECTIONS 47-79 AND ALL PAVEMENTS WITH RUBBERIZED SURFACE COURSES: INITIAL A.C. REMOVAL TO BE THE MINIMUM WIDTH REQUIRED FOR PROPER TRENCH COMPACTION. SAWCUT & REMOVE 12" OF A.C. MINIMUM ON EACH SIDE OF THE TRENCH FOR THE "T"-TOP AFTER THE BACKFILL MATERIAL IS PLACED. PAVEMENTS 4" AND THICKER, MILL AND REMOVE THE TOP 2" OF THE SURFACE COURSE EQUALLY ON BOTH SIDES OF THE TRENCH TO A MINIMUM TOTAL WIDTH OF 10 FEET. FOR PAVEMENTS LESS THAN 4" THICK SAWCUT, REMOVE AND REPLACE THE ENTIRE PAVEMENT SURFACE TO A MINIMUM TOTAL WIDTH OF 10 FEET, AS DIRECTED BY THE ENGINEER.
 - FOR DEEP PAVEMENT STRUCTURES REQUIRING TWO OR MORE PAVEMENT BASE LIFTS: INITIAL A.C. REMOVAL TO BE THE MINIMUM WIDTH REQUIRED FOR PROPER TRENCH COMPACTION. SAWCUT, REMOVE AND REPLACE A.C. ON BOTH SIDES OF THE TRENCH AS NECESSARY TO ACCOMMODATE A RIDE ON TYPE VIBRATORY ROLLER COMPACTOR FOR PLACEMENT OF THE A.C. BASE COURSE LIFTS, MATCH EXISTING A.C. DEPTH. MILL AND REMOVE THE TOP 2" OF THE SURFACE COURSE EQUALLY ON BOTH SIDES OF THE TRENCH TO A MINIMUM TOTAL WIDTH OF 10 FEET.
- ASPHALT CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF MAG SECTION 321.
- IF PAVEMENT REMNANT IS LESS THAN 36", REMOVE AND REPLACE PAVEMENT AS PER THIS DETAIL.
- AGGREGATE BASE COURSE PER MAG SECTION 702 SHALL BE PROVIDED TO MATCH EXISTING ABC THICKNESS IN ADJACENT ROADWAY.
- REFER TO COS SUPPLEMENTAL SPECIFICATIONS, SECTION 336.2.4 FOR PAVEMENT SMOOTHNESS REQUIREMENTS.



DETAIL NO. 2200	City of Scottsdale Standard Details	PAVEMENT REPLACEMENT	DETAIL NO. 2200
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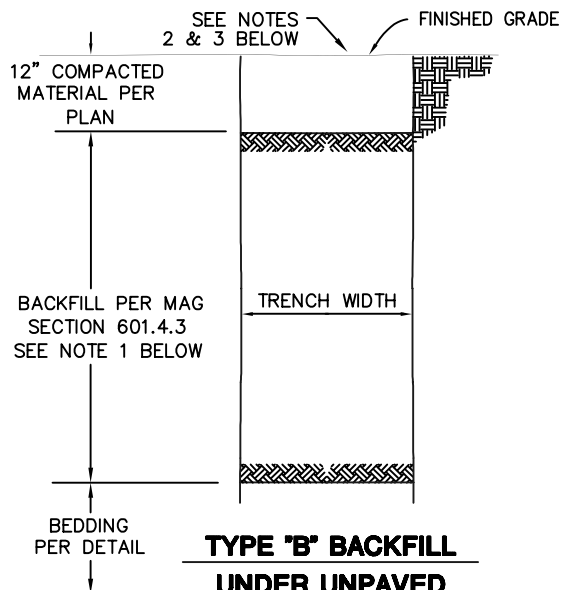
BACKFILL DETAILS



**UNDER EXIST. OR PROPOSED PAVEMENT
OR EXIST. SURFACE TREATMENT**

BACKFILL NOTES

1. TRENCHES 24" IN WIDTH OR LESS - $\frac{1}{2}$ SACK C-S-LM, MAG 728, FULL DEPTH OF BACKFILL BOTTOM OF ABC LAYER IN PAVEMENT STRUCTURE OR 6" BELOW PAVEMENT IN FULL DEPTH PAVEMENT STRUCTURES. CONSTRUCT PAVEMENT STRUCTURE TO MATCH EXISTING AND IN ACCORDANCE WITH COS DETAIL 2200.
2. TRENCHES 24" TO 6' IN WIDTH - $\frac{1}{2}$ SACK C-S-LM AS DESCRIBED IN NOTE 1 ABOVE WITHIN THE TOP 24" OF THE TRENCH; MAG 601.4.3 FOR BALANCE OF BACKFILL.
3. TRENCHES OVER 6' IN WIDTH - MAG 601.4.3 FULL DEPTH OF BACKFILL.
4. TREAT ENTIRE DISTURBED SURFACE OF UNPAVED ALLEYS WITH LIGNIN-BASED DUST PALLATIVE, MAG 792, 1:1 DILUTION RATIO, 0.50 GAL/SY APPLICATION RATE.
5. C-S-LM SHALL NOT BE USED FOR WATER OR SEWER PIPE BEDDING. SEE BEDDING DETAIL.
6. EXPOSED COPPER OR POLYETHYLENE WATER PIPES IN SIZES $\frac{1}{2}$ " TO 2" SHALL BE WRAPPED WITH $\frac{1}{2}$ " WIDE BLACK INSULATION BEFORE PLACING C-S-LM.
7. RECYCLED ASPHALT SHALL NOT BE USED FOR BACKFILL.

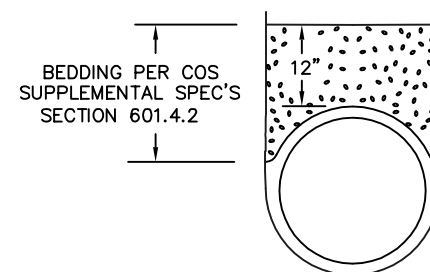


**TYPE "B" BACKFILL
UNDER UNPAVED
ROADWAY, PARKING LOT
AND VACANT LAND**

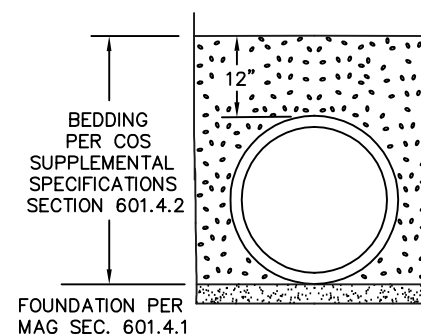
BACKFILL NOTES

1. MAG 601.4.3 FULL DEPTH OF BACKFILL
2. ENTIRE DISTURBED EXISTING SURFACE TO BE RESTORED WITH A LIKE MATERIAL
3. TREAT ENTIRE DISTURBED SURFACE WITH LIGNIN-BASED DUST PALLATIVE, MAG 792, 1:1 DILUTION RATIO, 0.50 GAL/SY APPLICATION RATE.
4. RECYCLED ASPHALT SHALL NOT BE USED FOR BACKFILL.

BEDDING DETAILS



**BEDDING DETAIL
CAST-IN-PLACE PIPE**



**BEDDING DETAIL
ALL OTHER PIPE**

NOTES:

1. FOR HDPE PIPE - SEE COS SUPPLEMENTAL SPECIFICATIONS SECTION 603.4.2
2. RECYCLED ASPHALT SHALL NOT BE USED FOR BEDDING OR FOUNDATION MATERIAL.

DETAIL NO.

2201

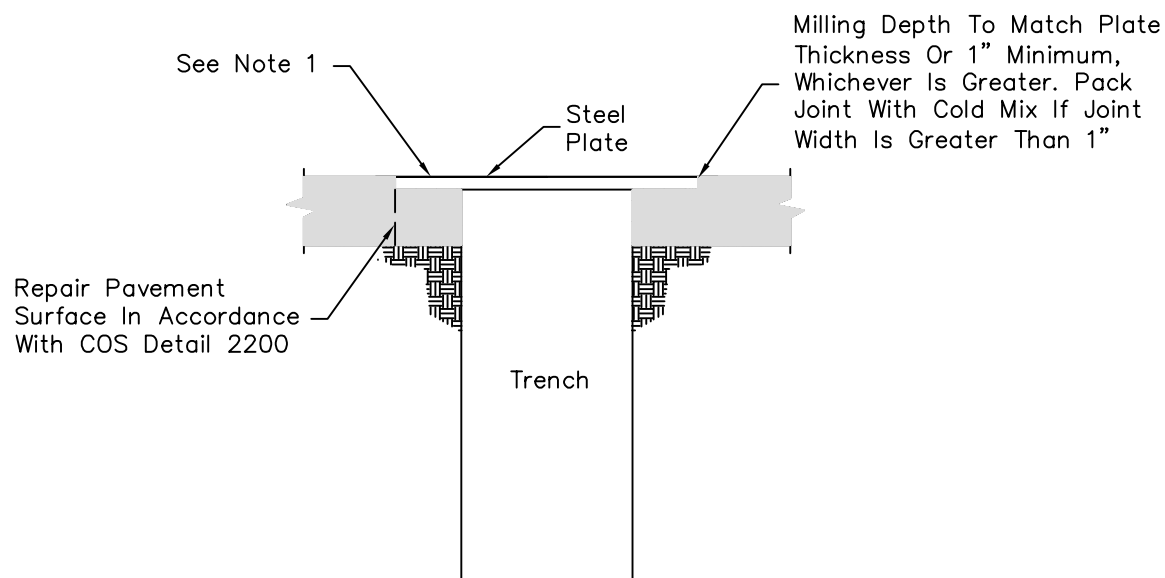
**City of Scottsdale
Standard Details**

TRENCH BEDDING & BACKFILL

DETAIL NO.

2201

REVISED: 4/25/02

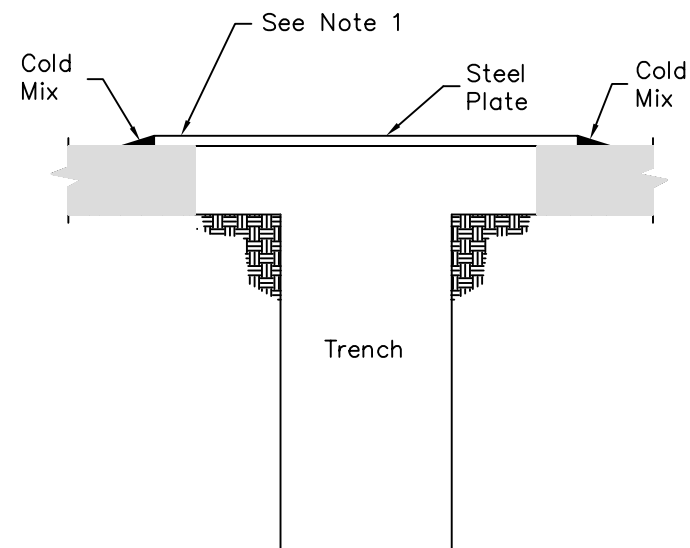


TYPE 'A' PLATING

CITY POSTED SPEEDS OF
35 MPH AND GREATER
OR BUS & TRUCK ROUTE

NOTES:

1. The contractor shall provide adequate overlap of plate on asphalt to assure no slippage of plate and no collapsing of trench.
2. "Posted Speed" does not include temporary construction signing.



TYPE 'B' PLATING

CITY POSTED SPEEDS
UNDER 35 MPH

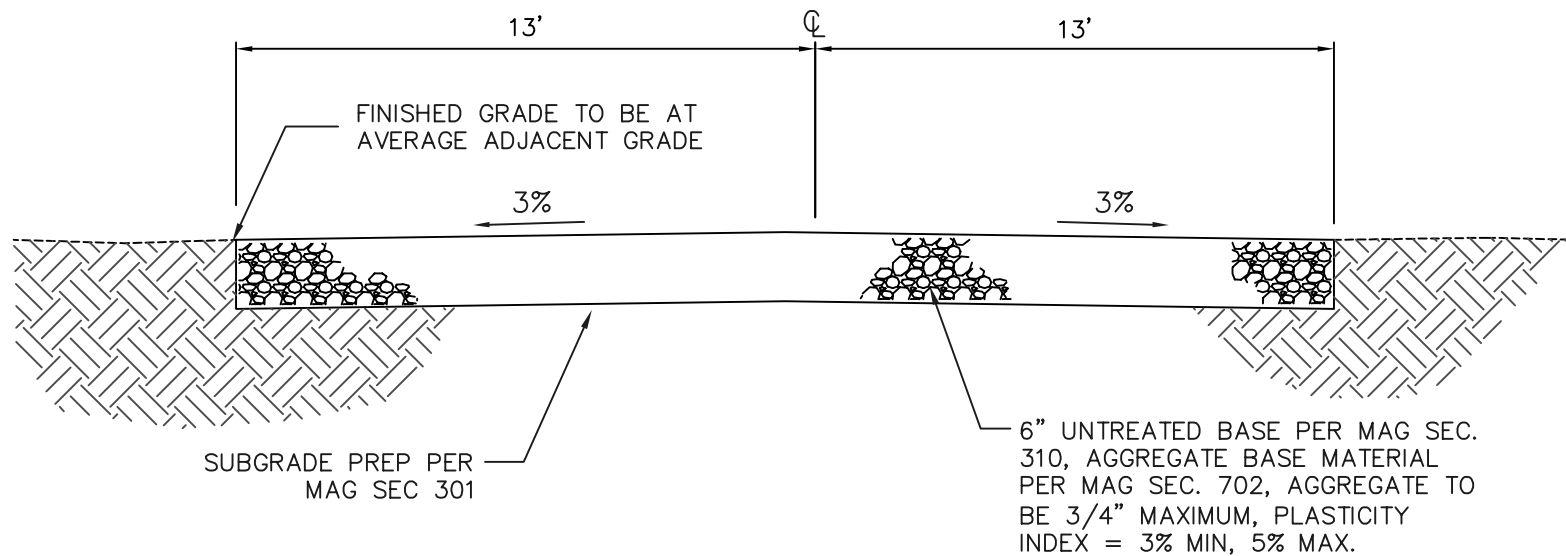
DETAIL NO.
2202

**City of Scottsdale
Standard Details**

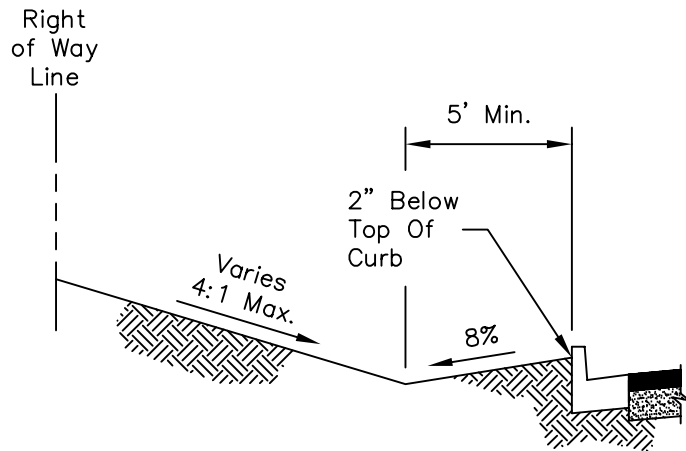
APPROVED BY:

TRENCH PLATING

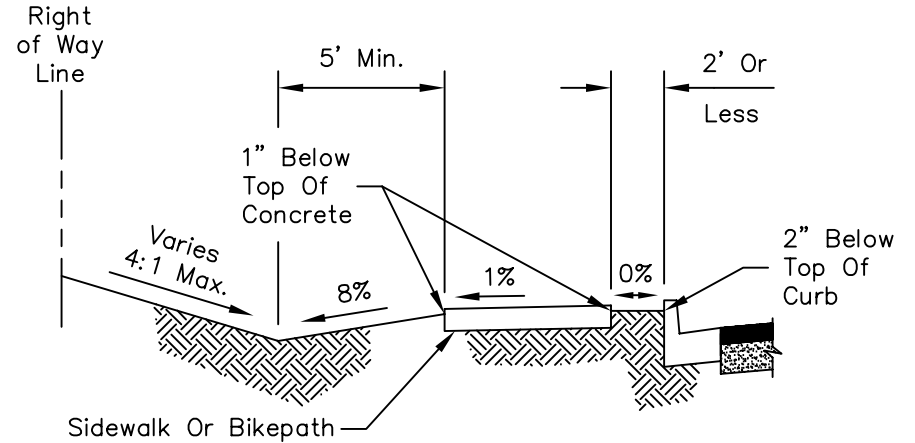
DETAIL NO.
2202



UNPAVED ROAD DETAIL



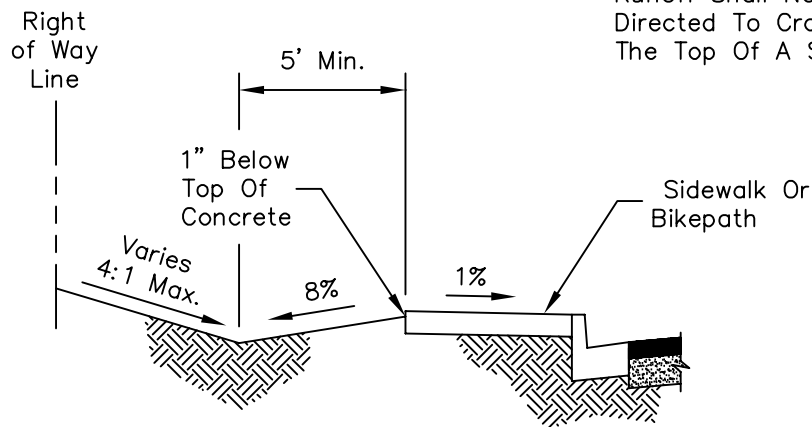
NO SIDEWALK



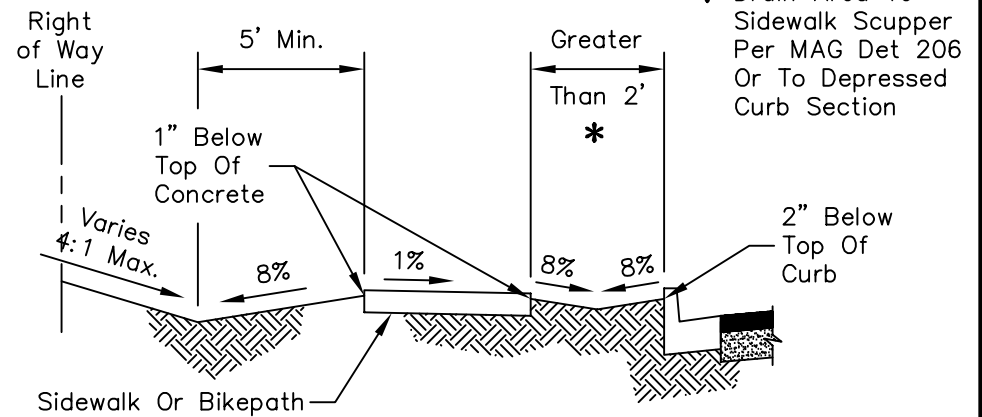
SIDEWALK LESS THAN 2' BEHIND CURB

NOTE:

Runoff Shall Not Be Directed To Cross Over The Top Of A Sidewalk.



SIDEWALK AT BACK OF CURB



SIDEWALK MORE THAN 2' BEHIND CURB

* Drain Area To Sidewalk Scupper Per MAG Det 206 Or To Depressed Curb Section

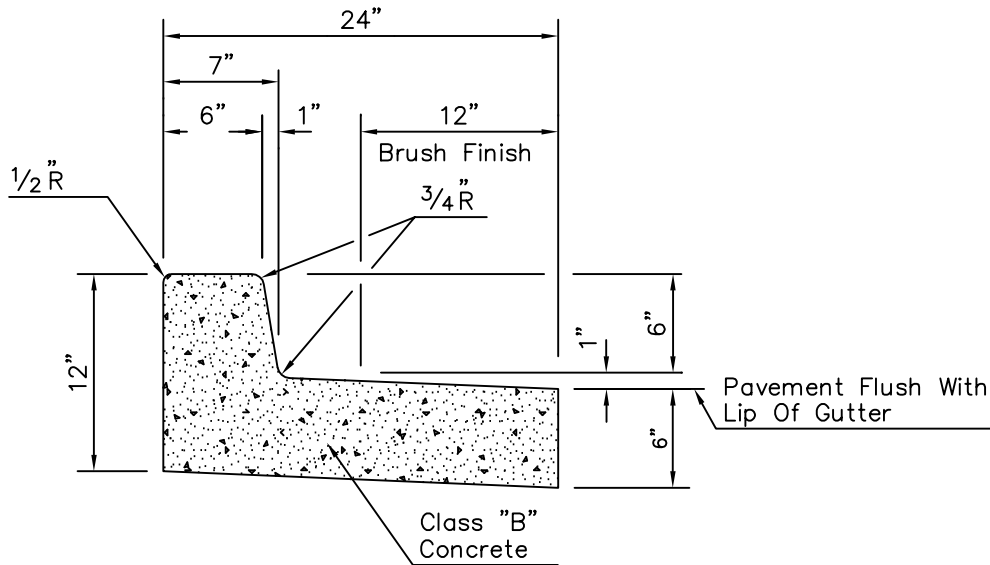
DETAIL NO.
2210

**City of Scottsdale
Standard Details**

APPROVED BY:

GRADING BEHIND THE CURB

DETAIL NO.
2210

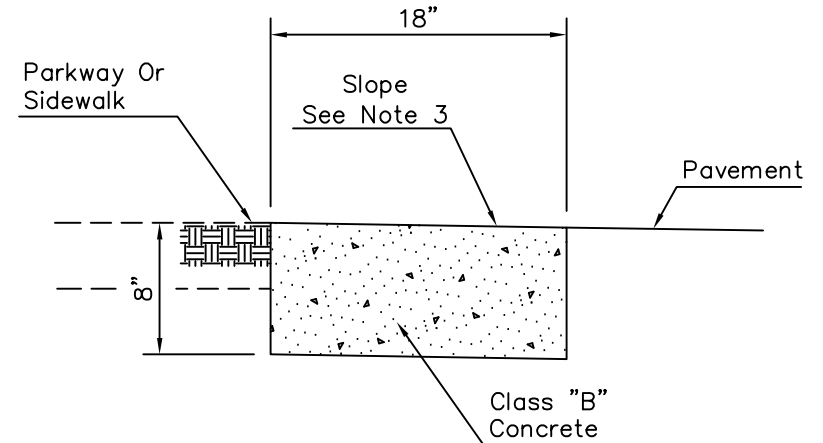


**VERTICAL CURB & GUTTER
WITH DEPRESSED LIP**

TYPE 'A'

NOTES

1. All exposed surfaces to be trowel finished except as shown. See M.A.G. Section 340.
2. Contraction joint spacing 10' maximum.
3. Construct curb and install 1/2" mastic expansion joints, A.S.T.M. D-1751, per M.A.G. Sec. 340 & 729 and COS Sec. 340.
4. Colored concrete shall be colored integrally.

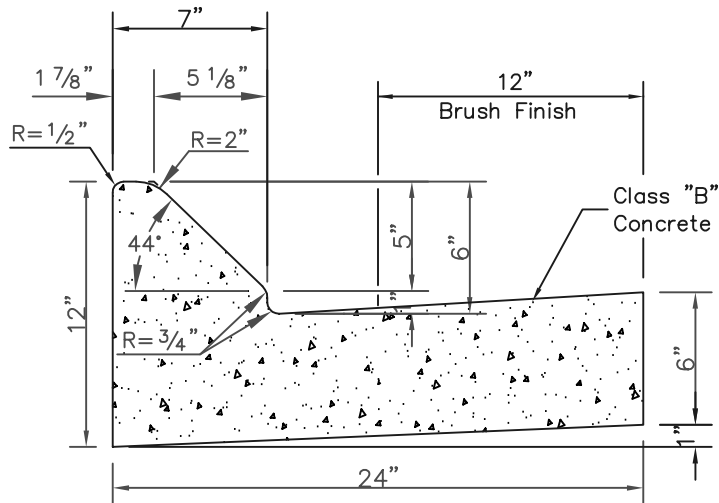


RIBBON CURB

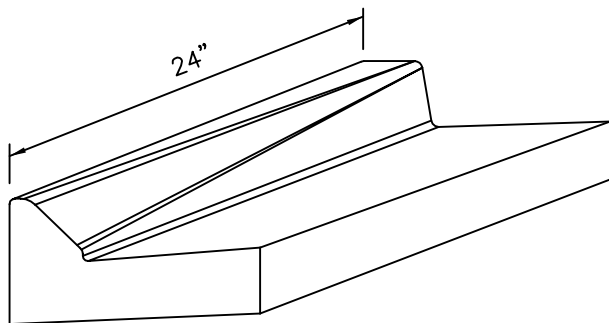
TYPE 'B'

NOTES

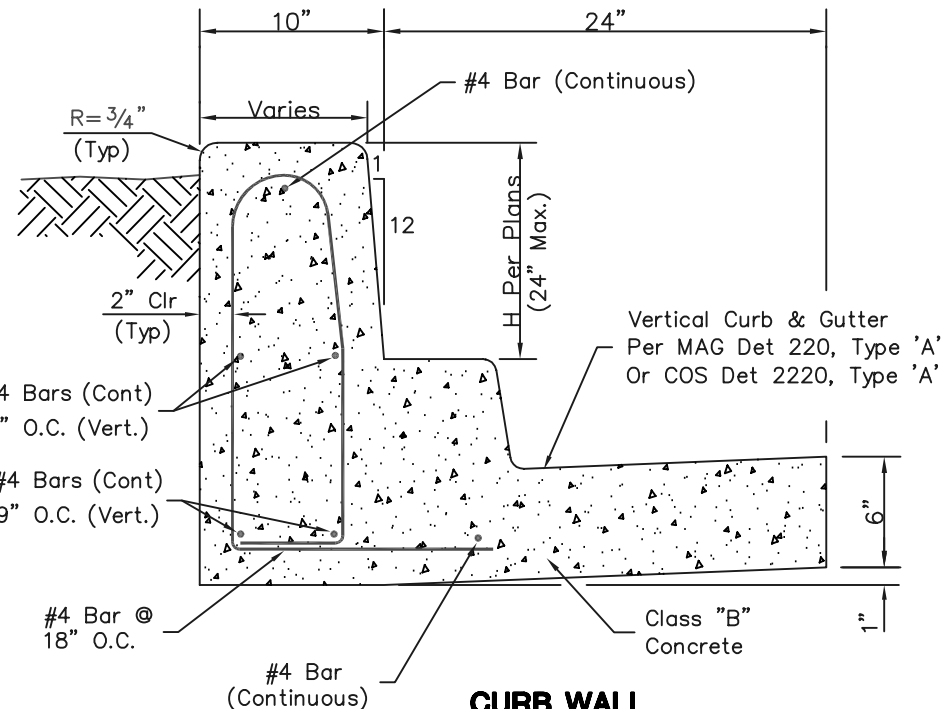
1. Construct curb and install 1/2" mastic expansion joints, A.S.T.M. D-1751, per M.A.G. Sec. 340 & 729 and COS Sec 340.
2. Broom finish all surfaces.
3. Ribbon curb may slope towards pavement or parkway. Match cross slope of road unless indicated otherwise on plans.
4. Contraction joint spacing 10' maximum.
5. Colored concrete shall be colored integrally.



MOUNTABLE/MEDIAN CURB & GUTTER
TYPE "M"



MOUNTABLE CURB TO VERTICAL CURB TRANSITION



CURB WALL
TYPE "W"

NOTES

1. All exposed surfaces to be trowel finished except as shown. See M.A.G. Section 340.
2. Contraction joint spacing 10' maximum.
3. Construct curb and install 1/2" mastic expansion joints, A.S.T.M. D-1751, per M.A.G. Sec. 340 & 729 and C.O.S. Sec. 340.
4. Gutter lip may be depressed where indicated on plans and constructed as shown on COS Detail 2220, Type "A".
5. Colored concrete, if called for on the plans, shall be colored integrally.
6. Steel reinforcement Per M.A.G. Section 727.

DETAIL NO.
2221

City of Scottsdale
Standard Details

APPROVED BY:

CURB & GUTTER - TYPES M & W

DETAIL NO.
2221

REVISED 3/28/02

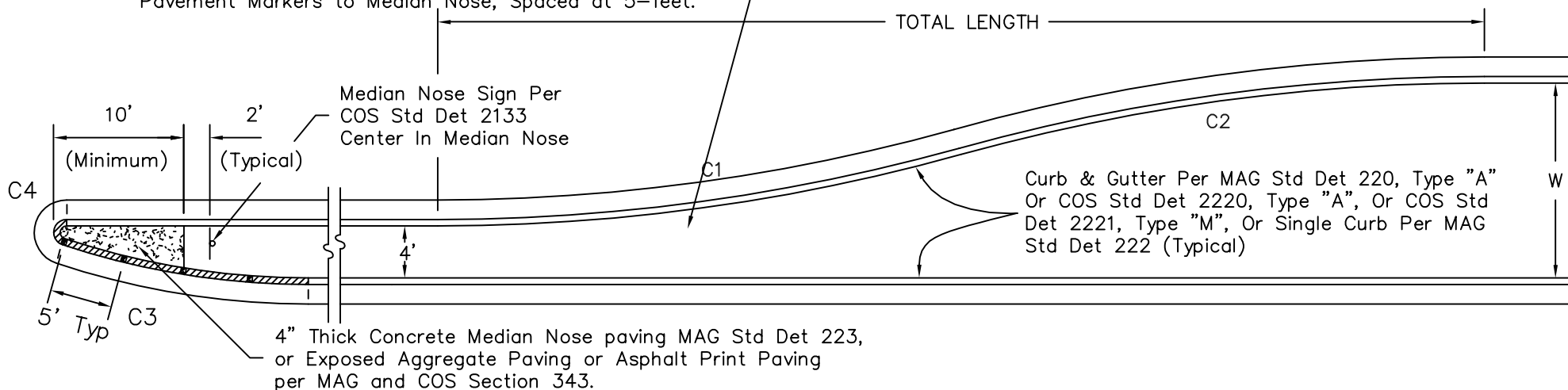
MEDIAN NOSE CURVE DATA

CURVE	RADIUS *	LENGTH	TANGENT	CHORD	DELTA
C3	59.5'	19.06'	9.61'	18.97'	18°20'59"
C4	0.50'	1.41'	3.10'	0.99'	161°39'01"



Paint Top And Front Of Curb With
Reflectorized Yellow Traffic Paint And
Add Type "D" Yellow Two Way Reflective Raised
Pavement Markers to Median Nose, Spaced at 5--feet.

Note: Extend Median Treatment
to a Width of 6 feet or as shown
on the plans.



STREET CLASSIFICATION	TYPE A COLLECTOR STREET		TYPE B MINOR ARTERIAL		TYPE C MAJOR ARTERIAL		TYPE D DUAL LEFT TURN LANES		TYPE E MINOR ARTERIAL		TYPE F MAJOR ARTERIAL	
TOTAL LENGTH	80.49'		98.89'		114.36'		164.53'		103.23'		153.62'	
MEDIAN WIDTH, W	15'		15'		15'		27'		16'		24'	
CURVE NUMBER	C1	C2	C1	C2	C1	C2	C1	C2	C1	C2	C1	C2
RADIUS *	150.00'	150.00'	150.00'	300.00'	300.00'	300.00'	300.00'	300.00'	150.00'	300.00'	300.00'	300.00'
DELTA	15°33'49"	15°33'49"	12°41'40"	12°41'40"	10°59'17"	10°59'17"	15°54'56"	15°54'56"	13°15'41"	13°15'41"	14°50'06"	14°50'06"
LENGTH	40.75'	40.75'	33.23'	66.47'	57.53'	57.53'	83.33'	83.33'	34.72'	69.44'	77.68'	77.68'
TANGENT	20.50'	20.50'	16.69'	33.37'	28.86'	28.86'	41.94'	41.94'	17.44'	34.87'	39.06'	39.06'
CHORD	40.62'	40.62'	33.17'	66.33'	57.45'	57.45'	83.07'	83.07'	34.64'	69.28'	83.07'	83.07'

* ALL RADII AND DIMENSIONS TO BACK OF CURB

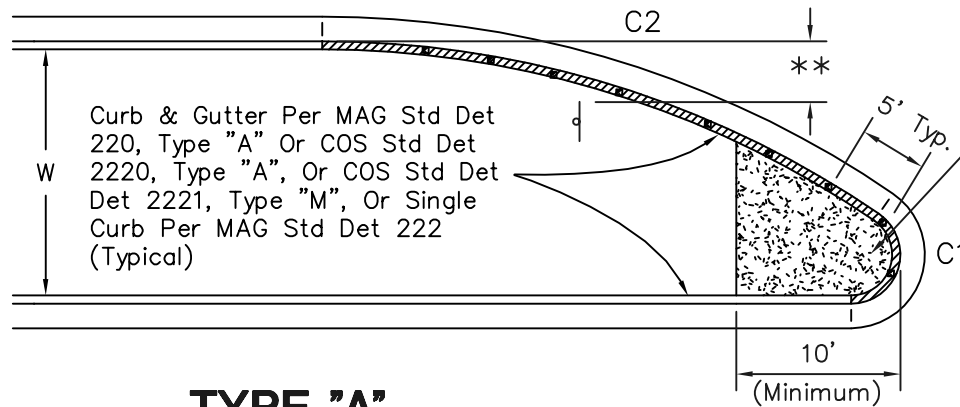
NOTE: Curve Data Shown Is For Streets On
Linear Alignments Only.

DETAIL NO.
2225

City of Scottsdale
Standard Details

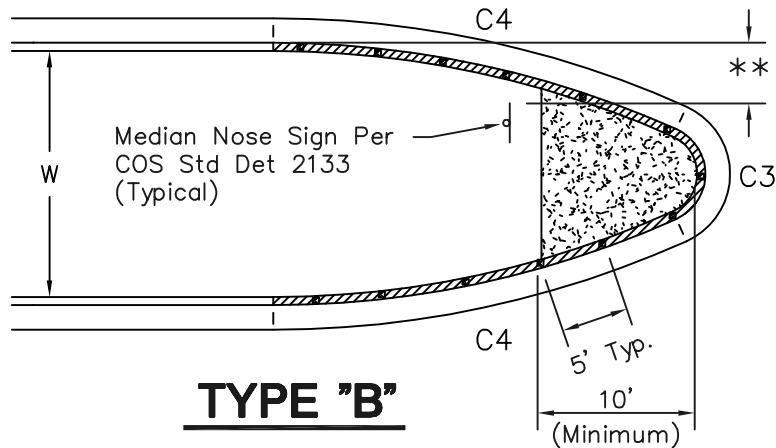
MEDIAN NOSE & REVERSE CURVE DETAILS

DETAIL NO.
2225



TYPE "A"

Paint Top And Front Of Curb With ReflectORIZED Yellow Traffic Paint And Add Type "D" Yellow Reflective Raised Pavement Markers to Median Nose, Spaced at 5-feet.



TYPE "B"

4" Thick Concrete Median Nose Paving
MAG Std Det 223, or
Exposed Aggregate Paving
or Asphalt Print Paving
per MAG and COS Section
343 (Typical)

* ALL RADII AND DIMENSIONS
TO BACK OF CURB

** OFFSET TO BE NO MORE THAN
3' FROM FACE OF CURB AT
TANGENT TO EDGE OF SIGN

CURVE DATA - W=15'

CURVE	RADIUS*	LENGTH	TANGENT	CHORD	DELTA
C1	2.50'	6.35'	8.06'	4.78'	145°32'39"
C2	59.50'	35.78'	18.45'	35.24'	34°27'21"
C3	2.50'	5.74'	5.57'	4.56'	131°38'42"
C4	59.50'	25.11'	12.74'	24.92'	24°10'39"

CURVE DATA - W=16'

CURVE	RADIUS*	LENGTH	TANGENT	CHORD	DELTA
C1	2.50'	6.27'	7.65'	4.75'	143°48'20"
C2	59.50'	37.59'	19.44'	36.97'	36°11'40"
C3	2.50'	5.64'	5.27'	4.52'	129°14'46"
C4	59.50'	26.35'	13.40'	26.14'	25°22'37"

CURVE DATA - W=24'

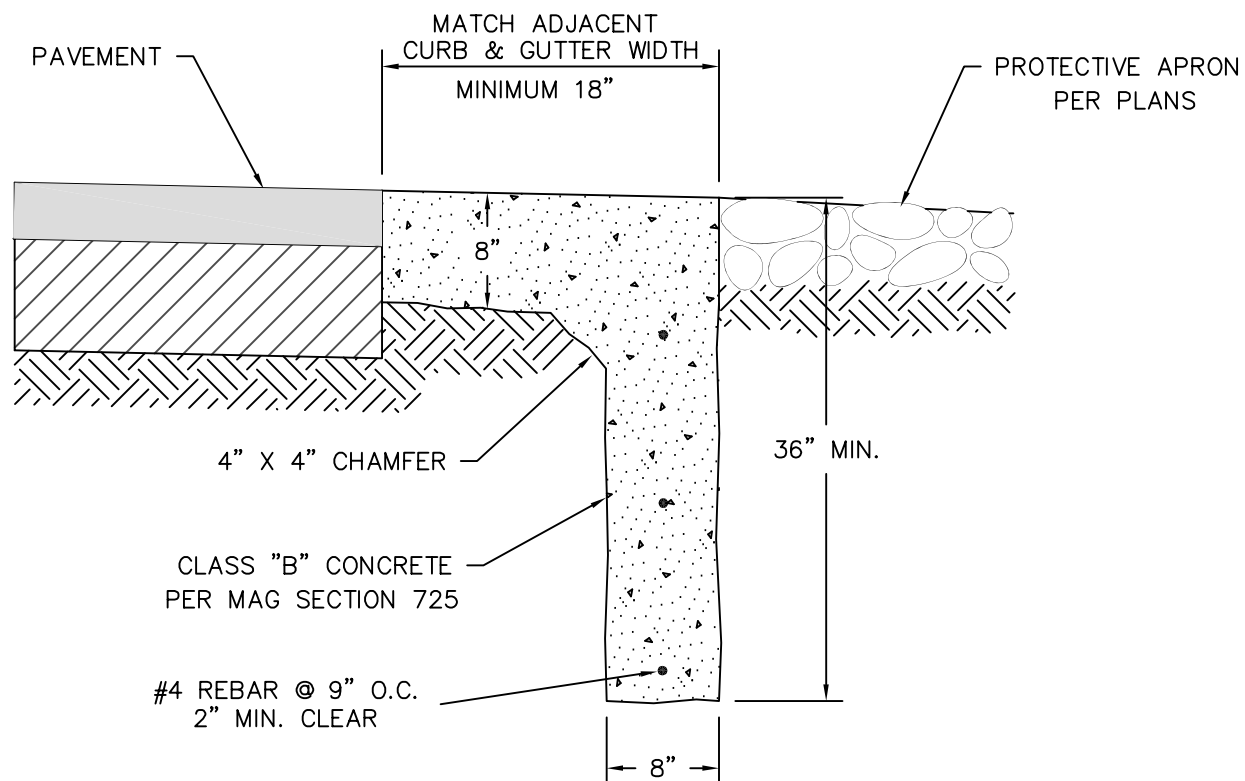
CURVE	RADIUS*	LENGTH	TANGENT	CHORD	DELTA
C1	2.50'	5.75'	5.59'	4.56'	131°48'37"
C2	59.50'	50.04'	26.61'	48.58'	48°11'23"
C3	2.50'	4.93'	3.77'	4.17'	112°53'08"
C4	59.50'	34.85'	17.94'	34.35'	33°33'26"

DETAIL NO.
2226

**City of Scottsdale
Standard Details**

MEDIAN NOSE DETAILS

DETAIL NO.
2226



NOTE: Form The Top 8"
Of Cut-Off Wall

DETAIL NO.
2228

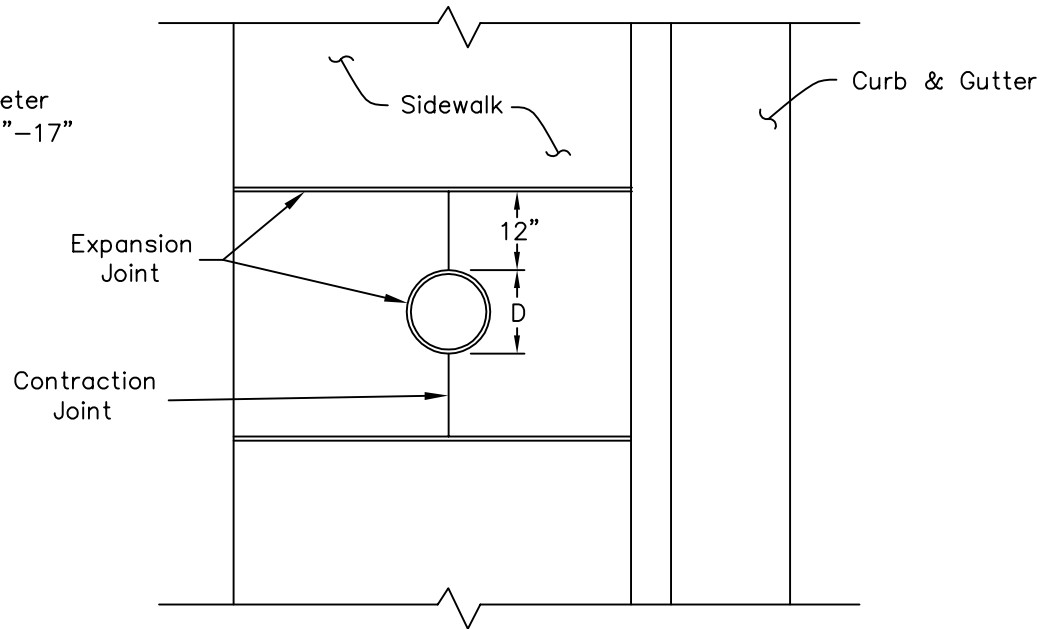
City of Scottsdale
Standard Details

APPROVED BY:

CUT-OFF WALL

DETAIL NO.
2228

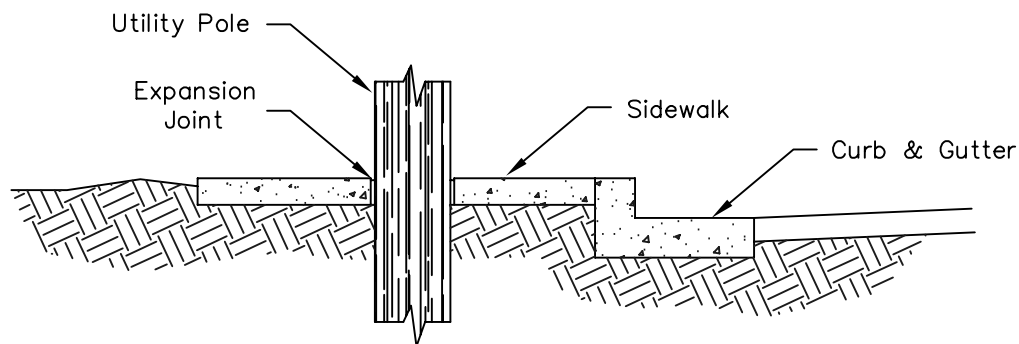
D = Pole Diameter
Range: 12"–17"



NOTES

Install expansion joint around wood pole.

Install expansion joint at sidewalk 1/4" lower than sidewalk



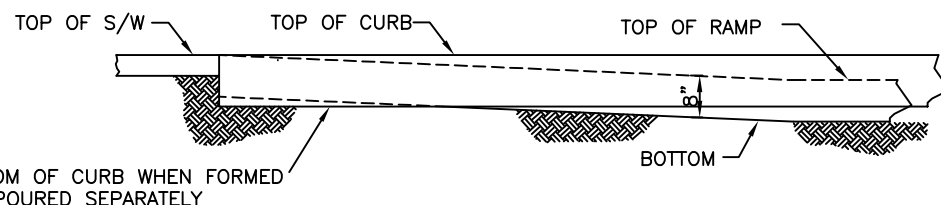
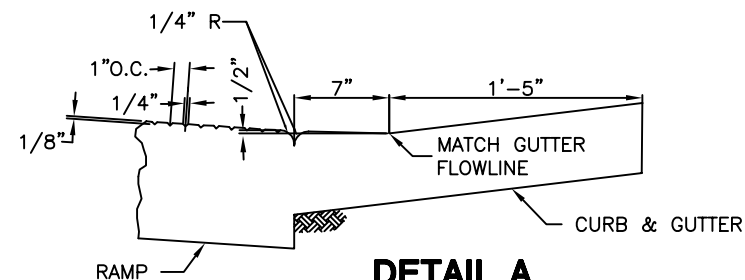
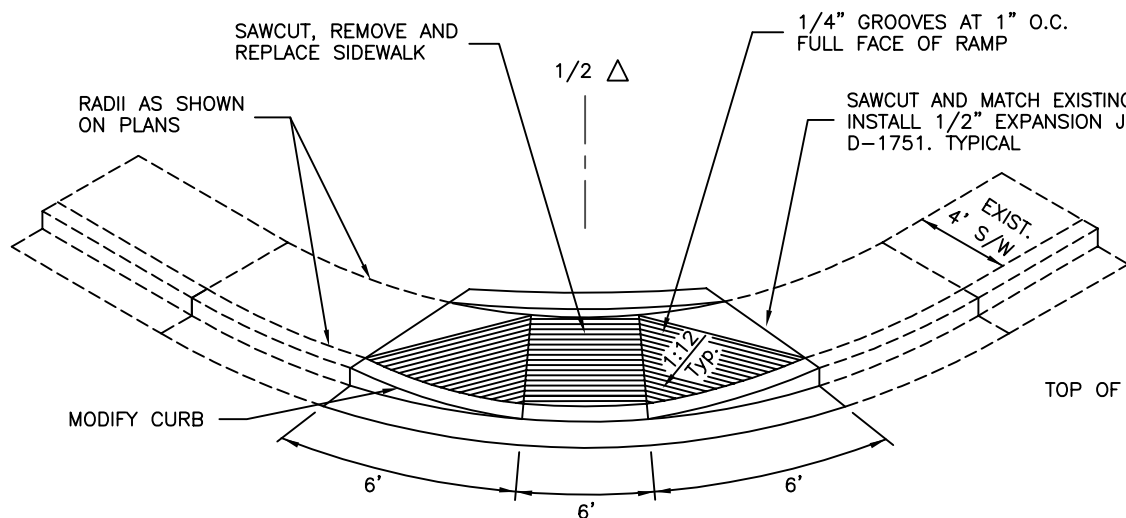
DETAIL NO.
2230

**City of Scottsdale
Standard Details**

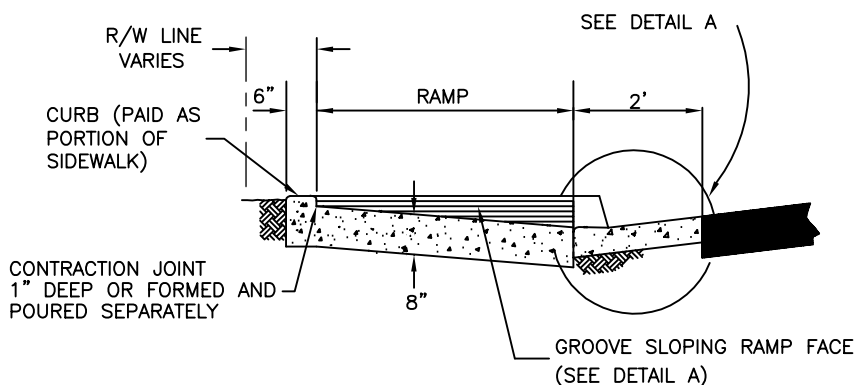
APPROVED BY:

SIDEWALK CUTOUT FOR UTILITY POLES

DETAIL NO.
2230



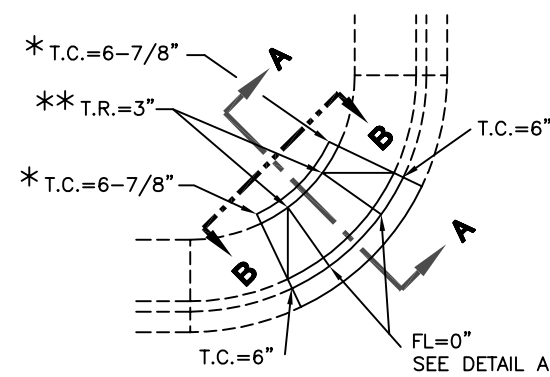
SECTION B-B



SECTION A-A

* IF EXISTING CURB IS OTHER THAN 6", ADJUST OTHER HEIGHTS ACCORDINGLY

** T.R. IS ALWAYS 3"



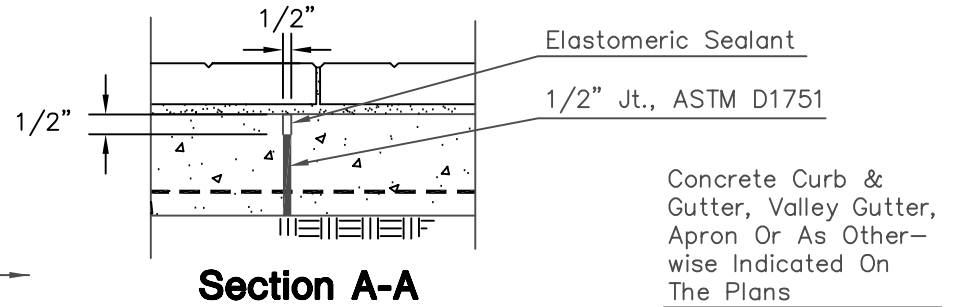
CONTROL ELEVATIONS

NOTE:

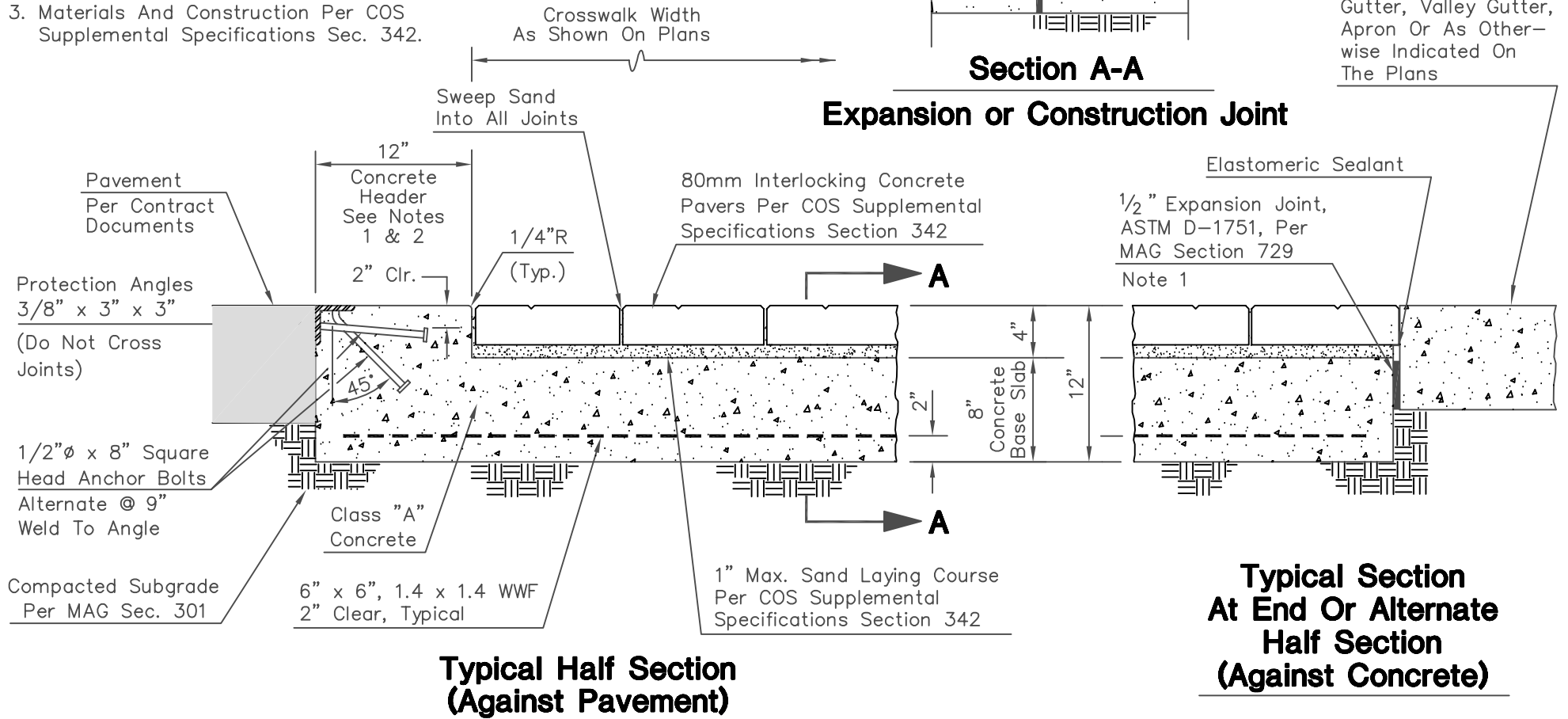
1. CONTROL ELEVATIONS SHOWN ARE IN RELATION TO THE GUTTER AND ARE LOCATED RADIALLY. GUTTER ELEVATION=0
2. CURB AND GUTTER TO BE POURED MONOLITHICALLY WITH SIDEWALK AND RAMP.

NOTES:

1. 1/2" Expansion Joint, ASTM D-1751
Per MAG Sec. 729, and Elastomeric Sealant
Per COS Sec. 342.3.4.
2. Contraction Joints Per COS Supplemental
Specifications Sec. 342.
3. Materials And Construction Per COS
Supplemental Specifications Sec. 342.



Section A-A
Expansion or Construction Joint



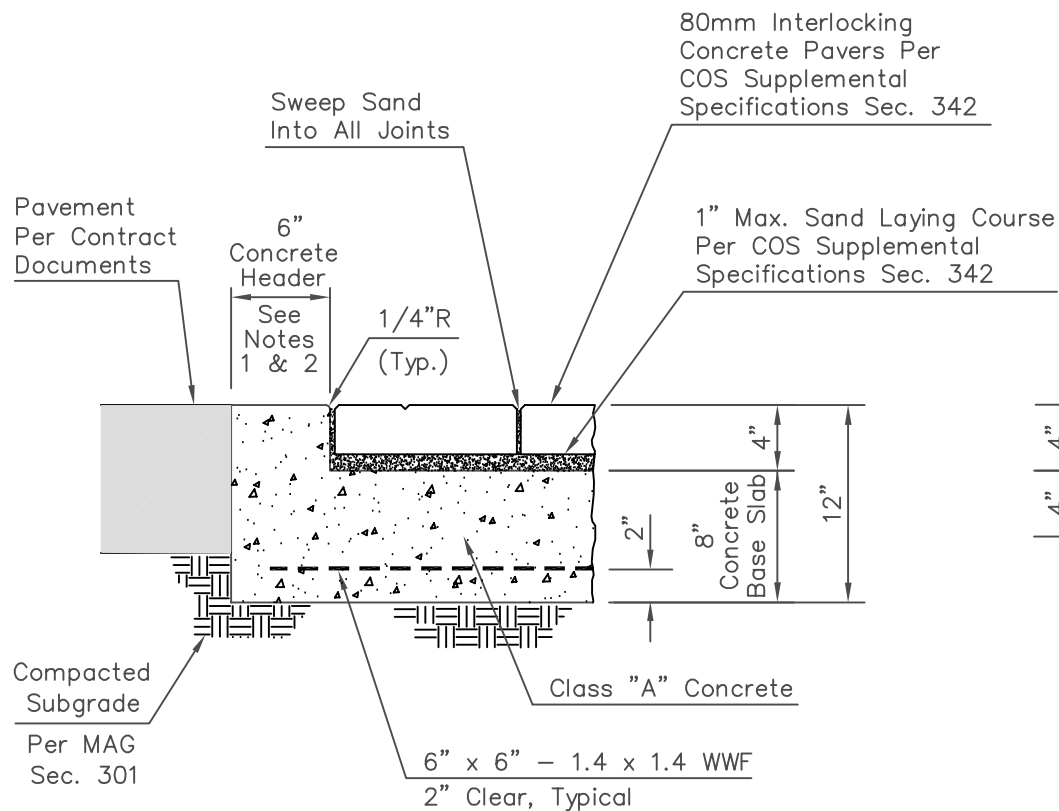
DETAIL NO.
2238

City of Scottsdale
Standard Details

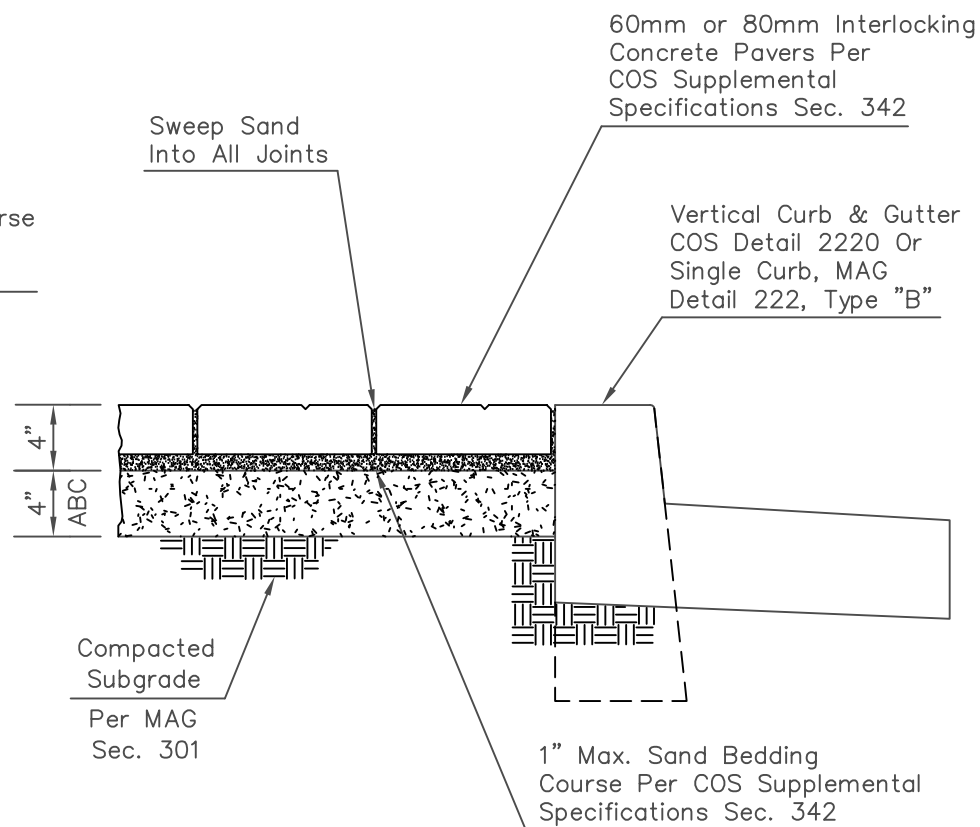
CONCRETE PAVER CROSSWALK

DETAIL NO.
2238

REVISED 2/27/01



Type "B"
Flush Median



Type "A"
Raised Median

NOTES:

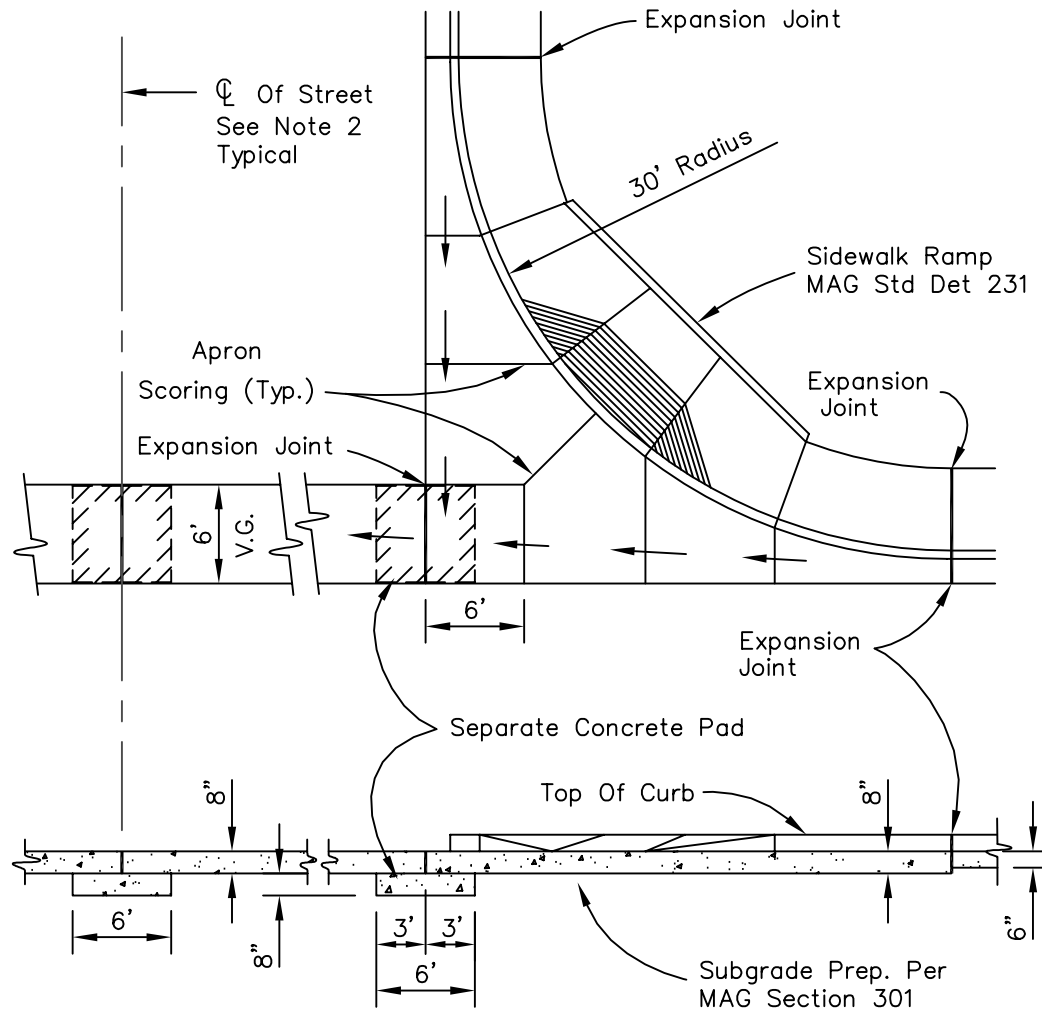
1. $\frac{1}{2}$ " Expansion Joint, ASTM D-1751 Per MAG Sec. 729, Every 50'.
2. Contraction Joints Per COS Supplemental Specifications Sec. 342, Every 10'.
3. Materials And Construction Per COS Supplemental Specifications Sec. 342.

DETAIL NO.
2239

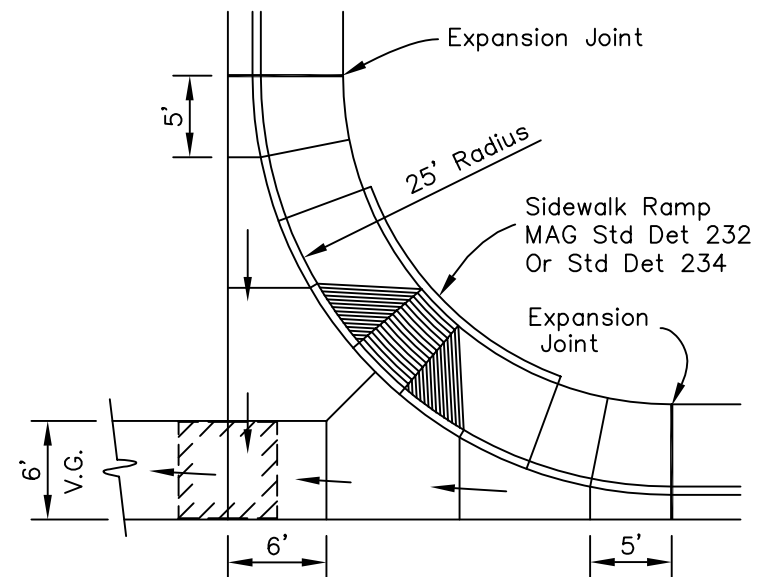
City of Scottsdale
Standard Details

MEDIAN CONCRETE PAVERS

DETAIL NO.
2239

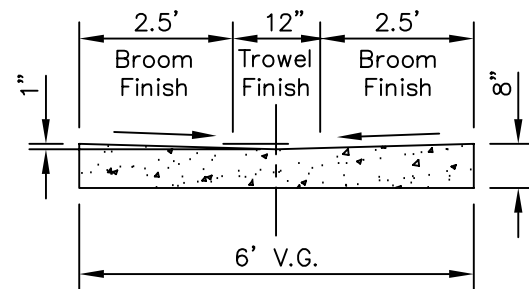


SECTION THRU APRON FLOW-LINE

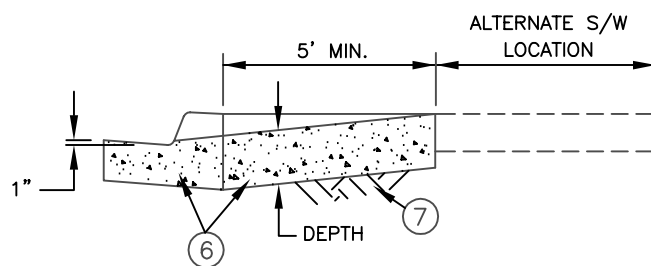
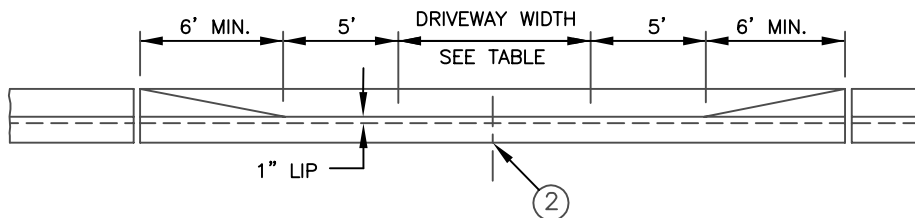
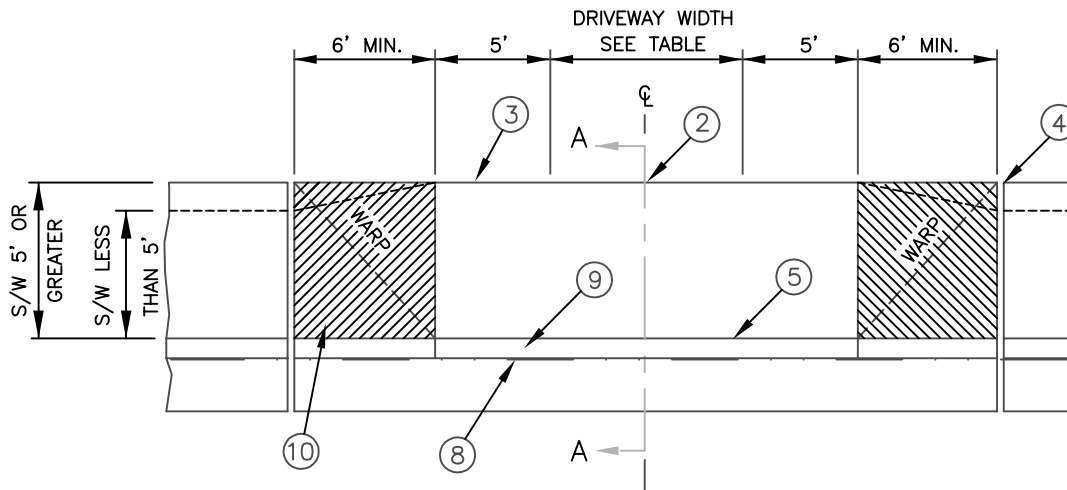


NOTES

1. All Concrete To Be Class "A", MAG Section 725.
2. Use A Construction Joint Or Contraction Joint At The CL Of Street. A Separate Concrete Pad Is Required With A Construction Joint.
3. 1/2" Expansion Joint, ASTM D-1751 Per MAG Section 729.
4. Return Curb and Sidewalk to be Monolithically Poured.



SECTION THRU VALLEY GUTTER



SECTION A-A

NOTES

1. DEPRESSED CURB SHALL BE PAID FOR AT THE UNIT PRICE BID FOR THE TYPE OF CURB USED AT THAT LOCATION.
2. CONTRACTION JOINT ON DRIVEWAY CENTERLINE.
3. BACK OF DRIVEWAY ENTRANCE OR FUTURE SIDEWALK.
4. MASTIC EXPANSION JOINT THROUGH CURB AND GUTTER. EXPANSION JOINT FILLER SHALL BE 1/2" BITUMINOUS TYPE PREFORMED EXPANSION JOINT FILLER A.S.T.M. D-1751.
5. BACK OF CURB - CONSTRUCTION JOINT OR SCORE MARK.
6. CLASS 'B' CONCRETE, MAG SECTION 725.
7. SUBGRADE PREPARATION, MAG SECTION 301.
8. FLOW LINE OF GUTTER.
9. DEPRESSED CURB.
10. 1/4" GROOVES AT 1" ON CENTER FULL WIDTH OF 6' WARP SECTION, EACH SIDE OF DRIVEWAY. SEE DETAIL A, COS DETAIL 2232.

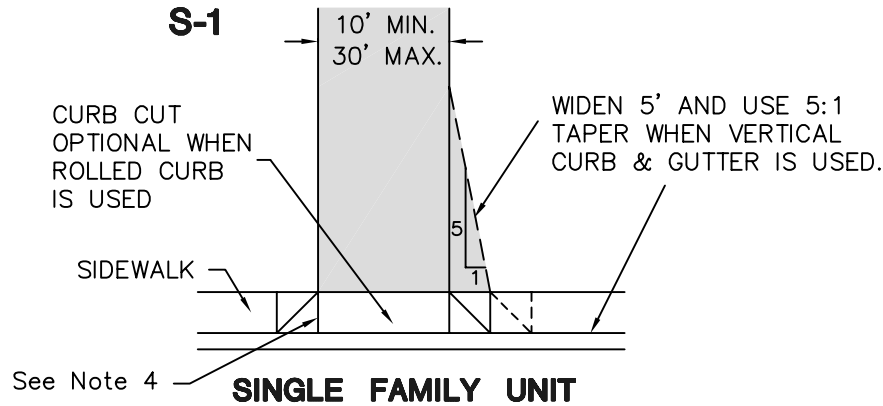
COMMERCIAL & INDUSTRIAL				
DRIVEWAY WIDTH	MIN.	MAX.	CLASS	DEPTH
COMMERCIAL ZONING	+ 16'	40'	B	8"
INDUSTRIAL ZONING	+ 16'	40'	B	8"
+ 24' MIN. FOR TWO WAY TRAFFIC				
RESIDENTIAL				
DRIVEWAY WIDTH	MIN.	MAX.	CLASS	DEPTH
MAJOR STREET	16'	30'	B	8"
COLLECTOR STREET	*12'	30'	B	8"
LOCAL STREET	12'	30'	B	8"
* 16' DESIRABLE				

DETAIL NO. **2250** **City of Scottsdale**
Standard Details

DRIVEWAY ENTRANCES

DETAIL NO. **2250**

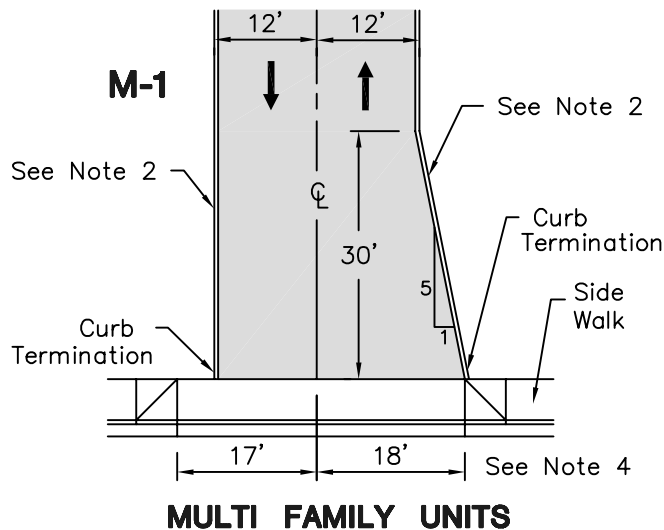
S-1



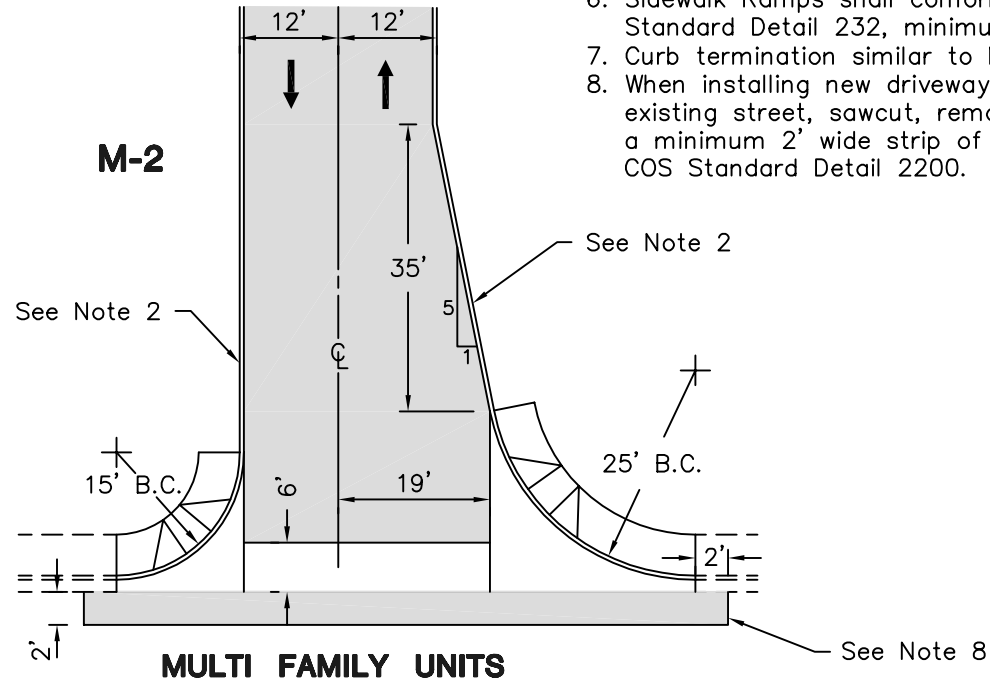
CONSTRUCTION NOTES

1. Sidewalk shall conform to MAG Standard Detail 230 and C.O.S. Sec. 340.
2. Curb as called for on plans.
3. Curb & Gutter shall conform to MAG Standard Detail 220. Single Curb shall conform to MAG Standard Detail 222.
4. Driveway Entrances shall conform to COS Standard Detail 2250. Driveways shall be 2-1/2" A.C. R-19 on 6" A.B.C. unless otherwise noted. See plans for driveway limits.
5. Valley Gutter shall conform to COS Standard Detail 2240.
6. Sidewalk Ramps shall conform to MAG Standard Detail 232, minimum 8" thick.
7. Curb termination similar to MAG Std. Det 222.
8. When installing new driveways along an existing street, sawcut, remove & replace a minimum 2' wide strip of A.C. pavement per COS Standard Detail 2200.

M-1



M-2



DETAIL NO.
2255

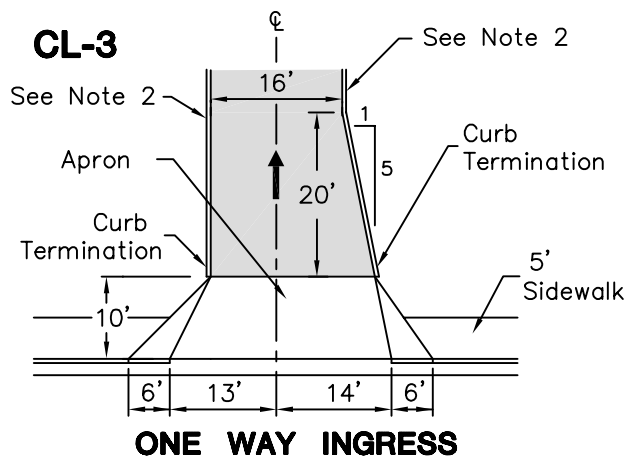
**City of Scottsdale
Standard Details**

RESIDENTIAL DRIVEWAYS

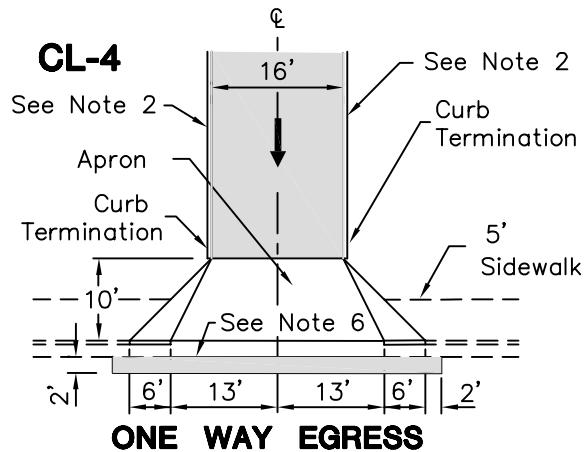
DETAIL NO.
2255

REVISED 4/7/00

CL-3



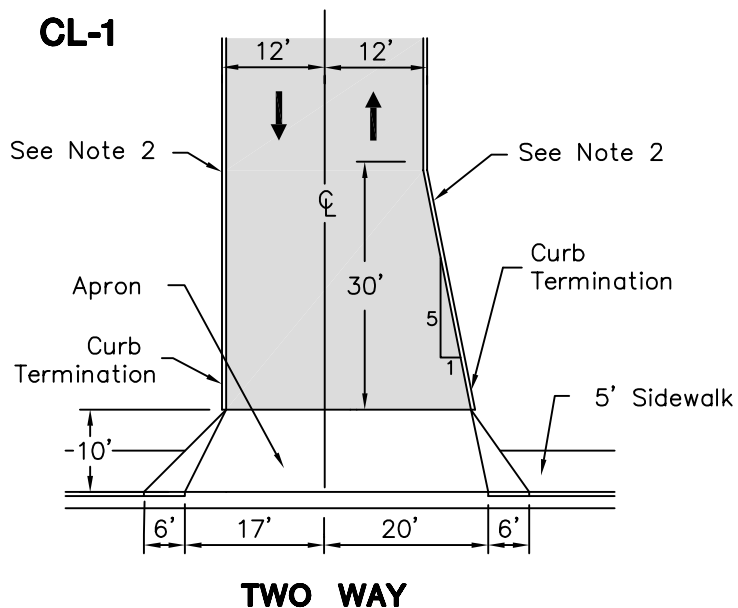
CL-4



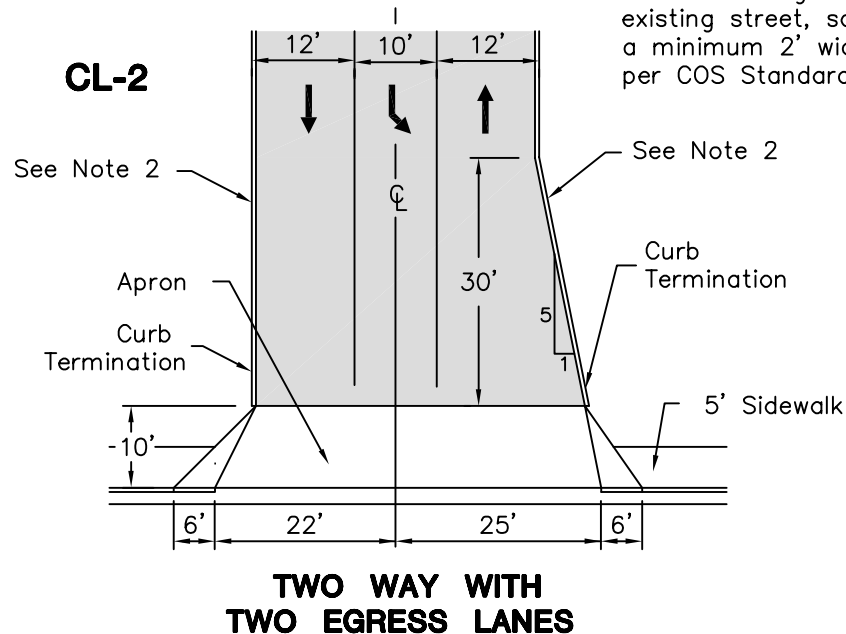
CONSTRUCTION NOTES

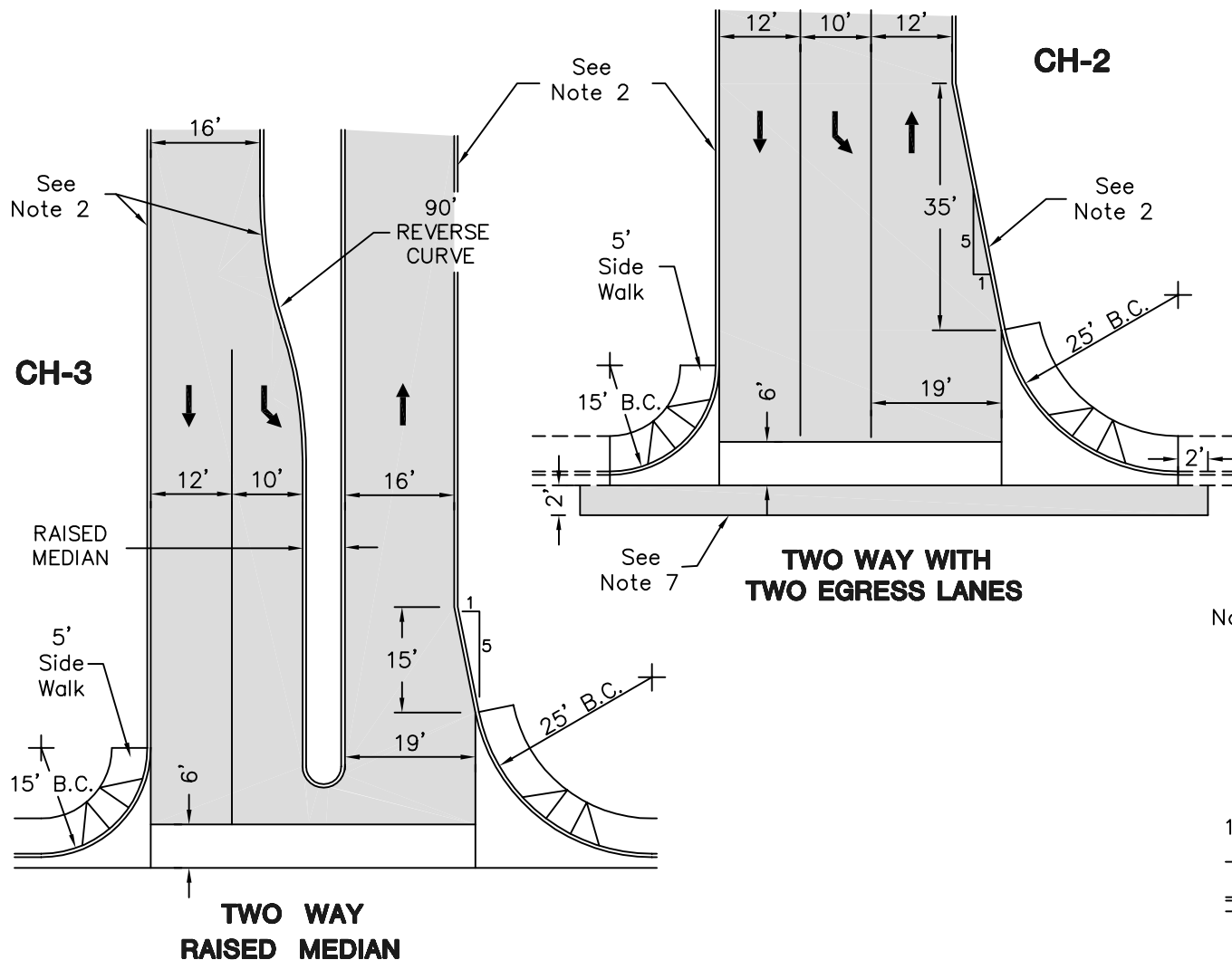
1. Sidewalk shall conform to MAG Standard Detail 230 and C.O.S. Sec. 340.
2. Curb as called for on plans.
3. Curb & Gutter shall conform to MAG Standard Detail 220. Single Curb shall conform to MAG Standard Detail 222.
4. Driveway Entrances shall conform to COS Standard Detail 2250 except for modifications as noted. Driveways shall be 2-1/2" A.C. A-19 on 6" A.B.C. unless otherwise noted. See plans for driveway limits.
5. Curb termination similar to MAG Std. Det. 222.
6. When installing new driveways along an existing street, sawcut, remove & replace a minimum 2' wide strip of A.C. pavement per COS Standard Detail 2200.

CL-1



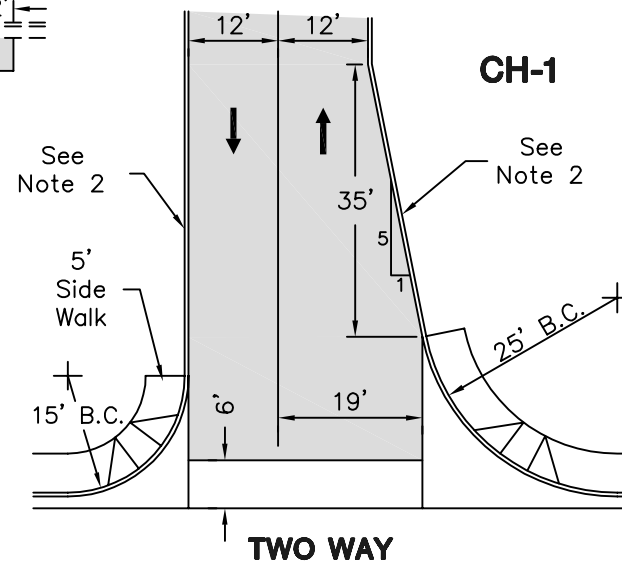
CL-2





CONSTRUCTION NOTES

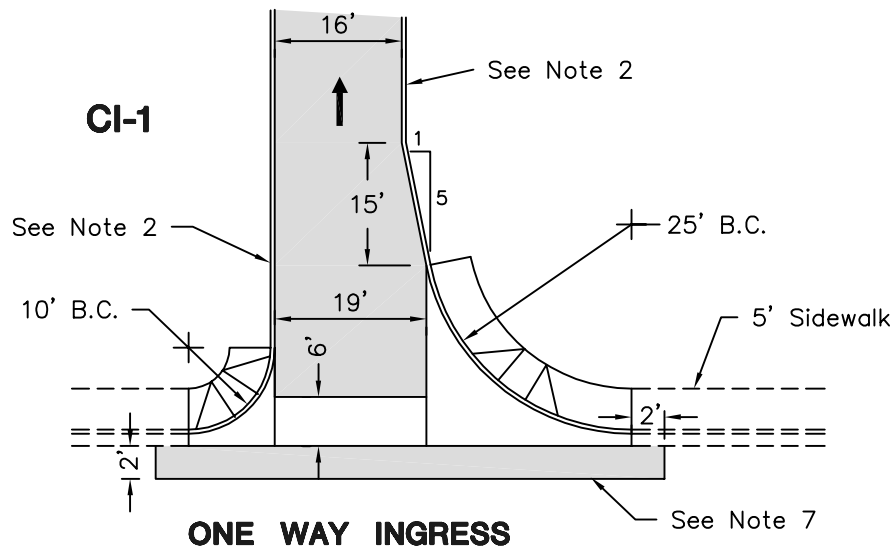
1. Sidewalk shall conform to MAG Standard Detail 230 and C.O.S. Sec. 340.
2. Curb as called for on plans.
3. Curb & Gutter shall conform to MAG Standard Detail 220. Single Curb shall conform to MAG Standard Detail 222.
4. Driveways shall be 2-1/2" A.C. A-19 on 6" A.B.C. unless otherwise noted. See plans for driveway limits.
5. Valley Gutter shall conform to COS Standard Detail 2240.
6. Sidewalk Ramps shall conform to MAG Standard Detail 232, Minimum 8" Thick.
7. When installing new driveways along an existing street, sawcut, remove & replace a minimum 2' wide strip of A.C. pavement per COS Standard Detail 2200.



DETAIL NO. **2257** City of Scottsdale
Standard Details

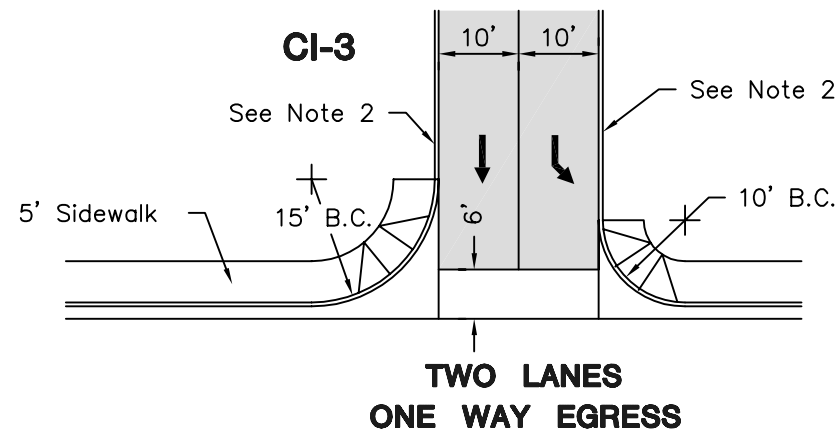
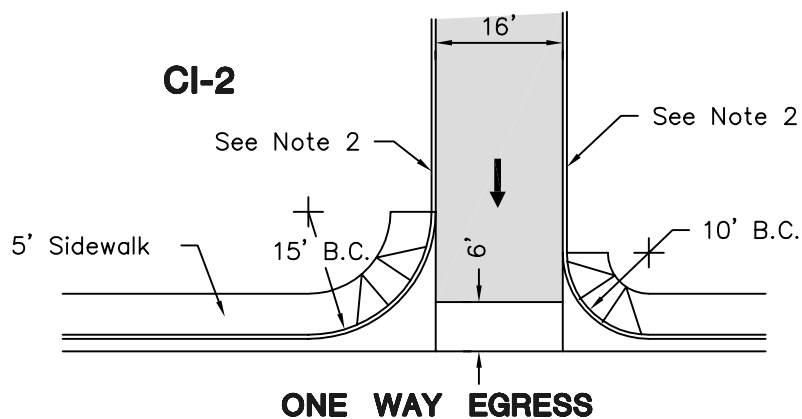
COMMERCIAL/INDUSTRIAL DRIVEWAYS-TYPE CH

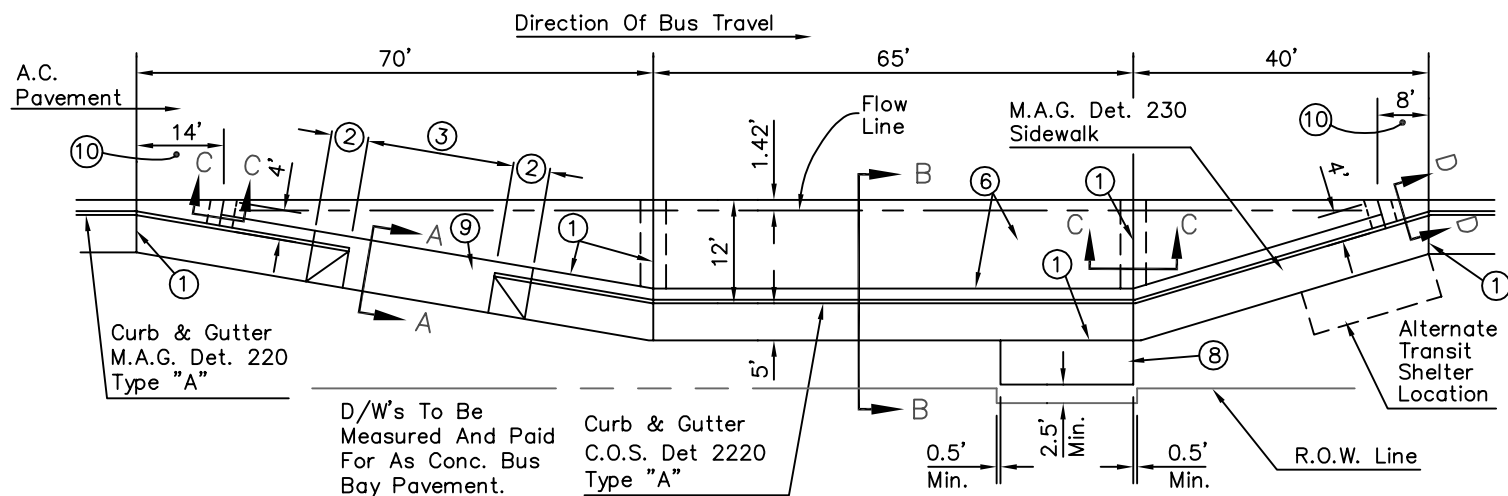
DETAIL NO. **2257**



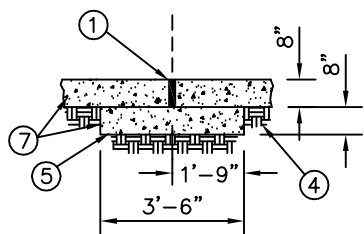
CONSTRUCTION NOTES

1. Sidewalk shall conform to MAG Standard Detail 230 and C.O.S. Sec. 340.
2. Curb as called for on plans.
3. Curb & Gutter shall conform to MAG Standard Detail 220. Single Curb shall conform to MAG Standard Detail 222.
4. Driveways shall be 2-1/2" A.C. A-19 on 6" A.B.C. unless otherwise noted. See plans for driveway limits.
5. Valley Gutter shall conform to COS Standard Detail 2240.
6. Sidewalk Ramps shall conform to MAG Standard Detail 232, Minimum 8" Thick.
7. When installing new driveways along an existing street, sawcut, remove & replace a minimum 2' wide strip of A.C. pavement per COS Standard Detail 2200.

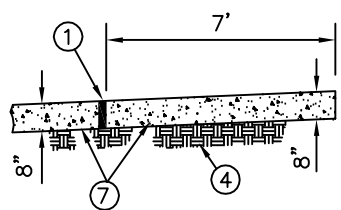




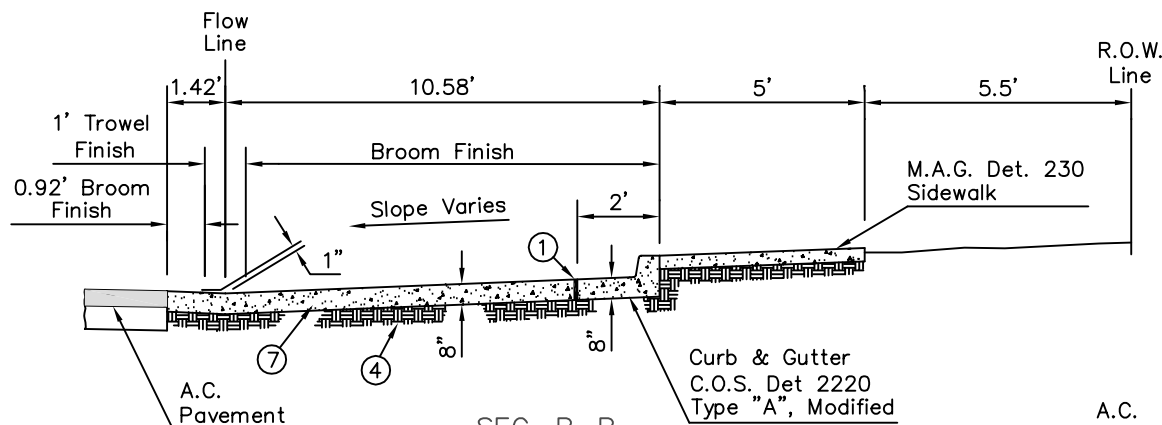
PLAN VIEW



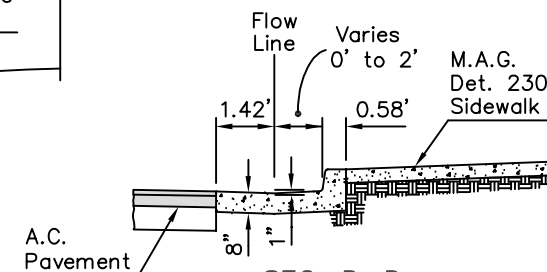
SEC. C-C



SEC. A-A



SEC. B-B



SEC. D-D

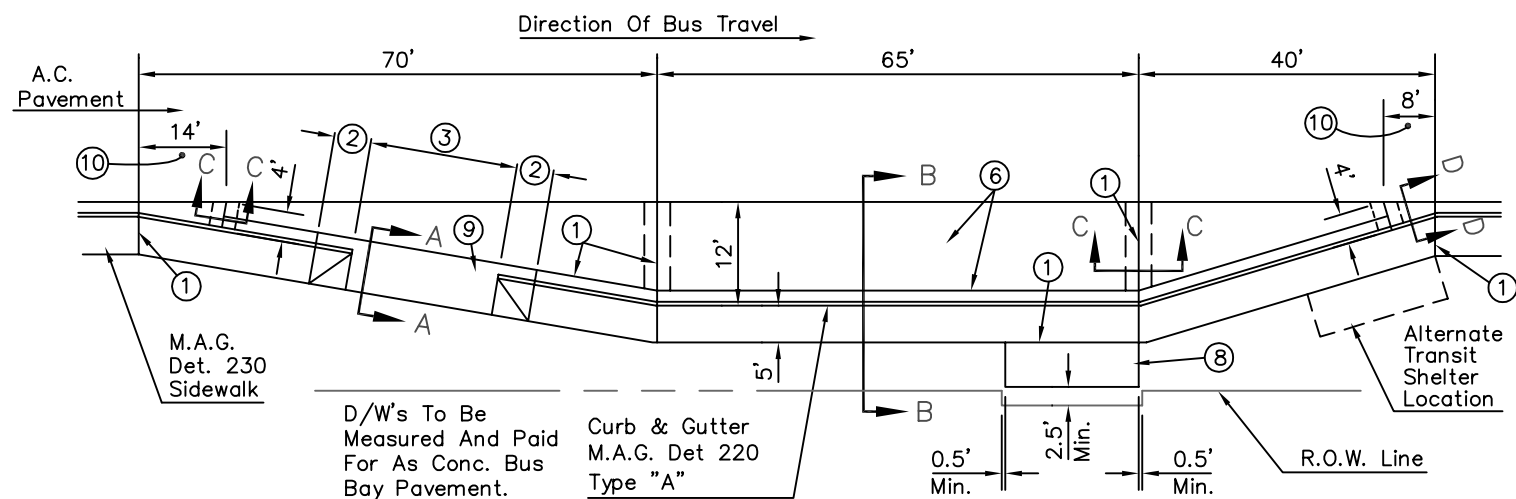
- ① 1/2" BITUMINOUS PREFORMED EXPANSION JOINT FILLER, A.S.T.M. D-1751 PER MAG SEC. 729, INSTALL PER COS SEC. 340.3.
- ② TRANSITION CURB FACE FROM 6" TO 0" HEIGHT IN 5'
- ③ D/W WIDTHS & LOCATIONS VARY, SEE PLANS. MAINTAIN 10' MIN. CLEARANCE BETWEEN DRIVEWAYS AND SHELTER PAD. WHEN DRIVEWAY WIDTH EXCEEDS 22', PROVIDE A CONTRACTION JOINT ON D/W $\frac{1}{2}$. SUBGRADE PREPARATION PER MAG SECTION 301.
- ④ CONCRETE PAD TO BE POURED SEPARATELY FROM CONCRETE BUS BAY PAVEMENT.
- ⑥ CONTRACTION JOINTS IN THE BUS BAY PAVEMENT SHALL MATCH THOSE IN THE CURB.
- ⑦ CONCRETE SHALL BE CLASS "A" PER MAG SECTION 725
- ⑧ TRANSIT SHELTER PAD, PER COS STD DETAIL 2269.
- ⑨ NEW CONCRETE D/W TO BE POURED WITH BUS BAY PAVEMENT.
- ⑩ CURB & GUTTER TO BUS BAY PAVEMENT TRANSITION.

DETAIL NO. **2266-1** **City of Scottsdale**
Standard Details

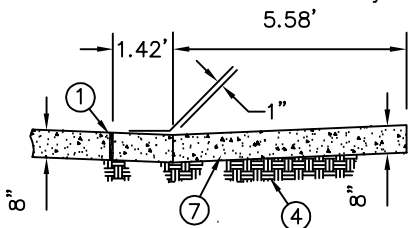
APPROVED BY: _____

MID-BLOCK BUS BAY - TYPE 'A'

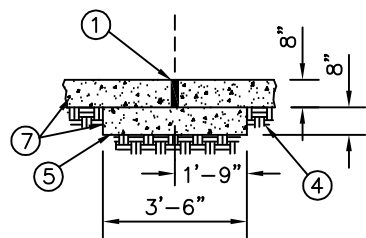
DETAIL NO. **2266-1**



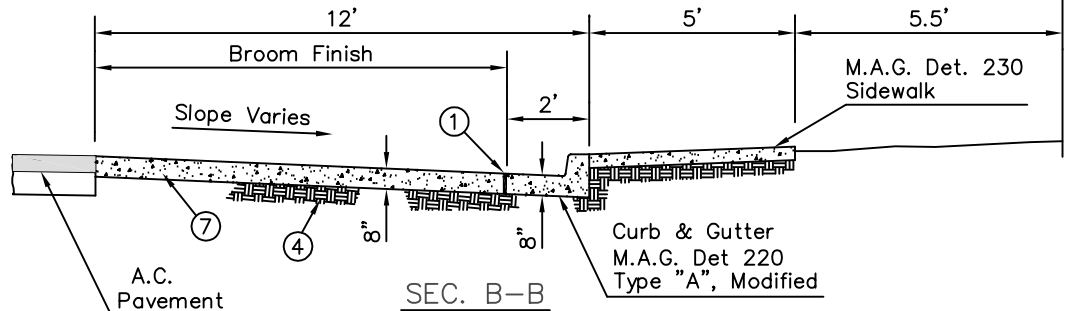
PLAN VIEW



SEC. A-A



SEC. C-C



SEC. B-B

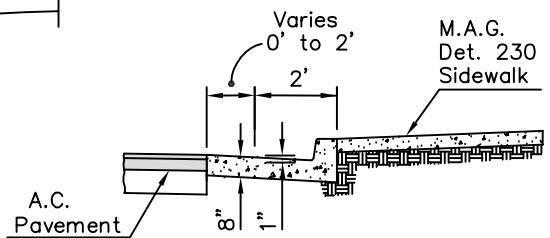
R.O.W. Line

M.A.G. Det. 230 Sidewalk

Curb & Gutter M.A.G. Det 220 Type "A", Modified

A.C. Pavement

- ① 1/2" BITUMINOUS PREFORMED EXPANSION JOINT FILLER, A.S.T.M. D-1751 PER MAG SECTION 729.
- ② TRANSITION CURB FACE FROM 6" TO 0" HEIGHT IN 5'
- ③ D/W WIDTHS & LOCATIONS VARY, SEE PLANS. MAINTAIN 10' MIN. CLEARANCE BETWEEN DRIVEWAYS AND SHELTER PAD. WHEN DRIVEWAY WIDTH EXCEEDS 22', PROVIDE A CONTRACTION JOINT ON D/W C.
- ④ SUBGRADE PREPARATION PER MAG SECTION 301.
- ⑤ CONCRETE PAD TO BE POURED SEPARATELY FROM CONCRETE BUS BAY PAVEMENT.
- ⑥ CONTRACTION JOINTS IN THE BUS BAY PAVEMENT SHALL MATCH THOSE IN THE CURB.
- ⑦ CONCRETE SHALL BE CLASS "A" PER MAG SECTION 725
- ⑧ TRANSIT SHELTER PAD, PER COS STD DETAIL 2269.
- ⑨ NEW CONCRETE D/W TO BE POURED WITH BUS BAY PAVEMENT.
- ⑩ CURB & GUTTER TO BUS BAY PAVEMENT TRANSITION.



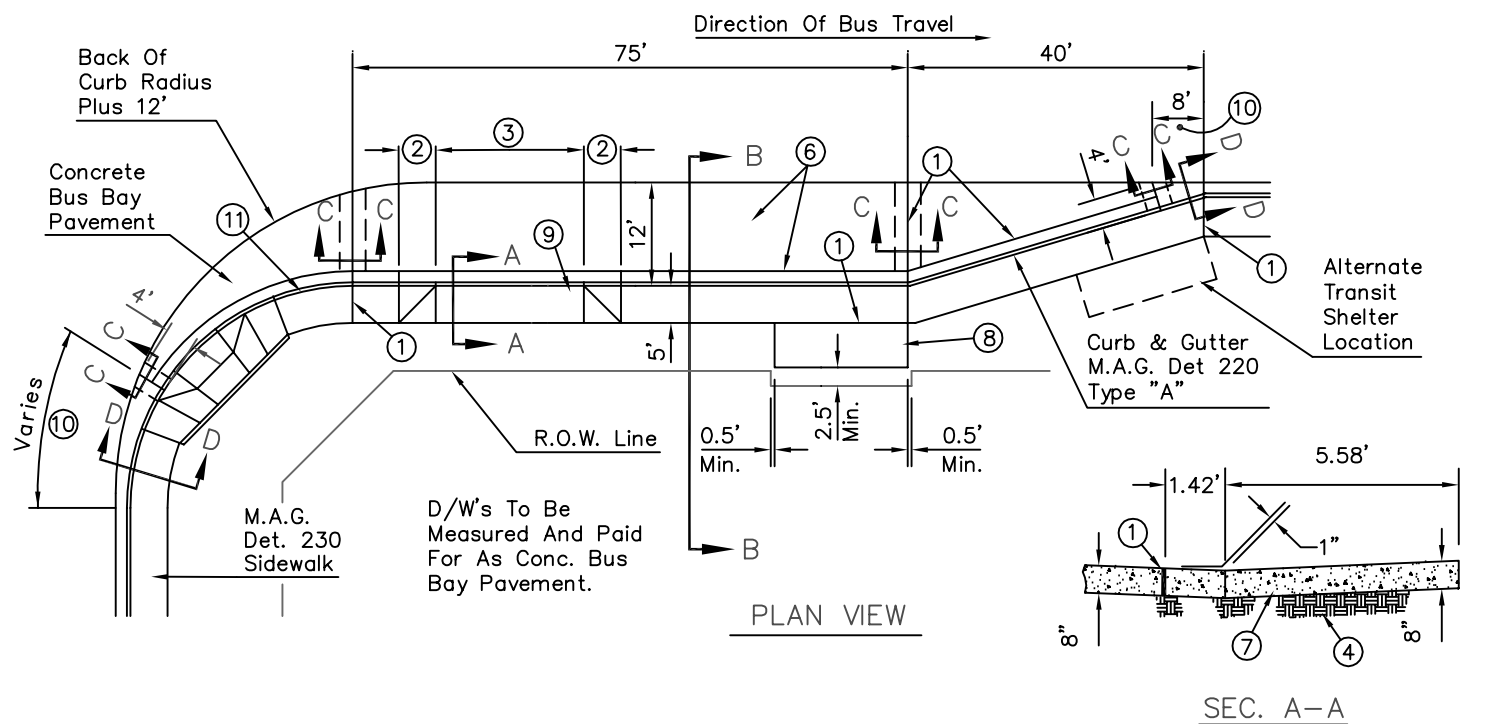
SEC. D-D

DETAIL NO. **2266-2** City of Scottsdale Standard Details

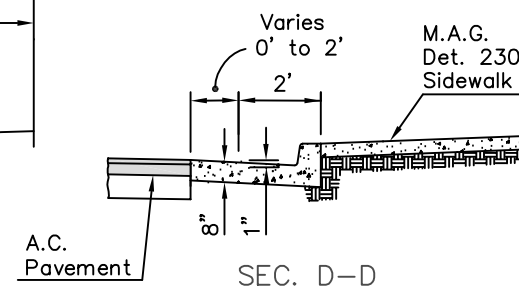
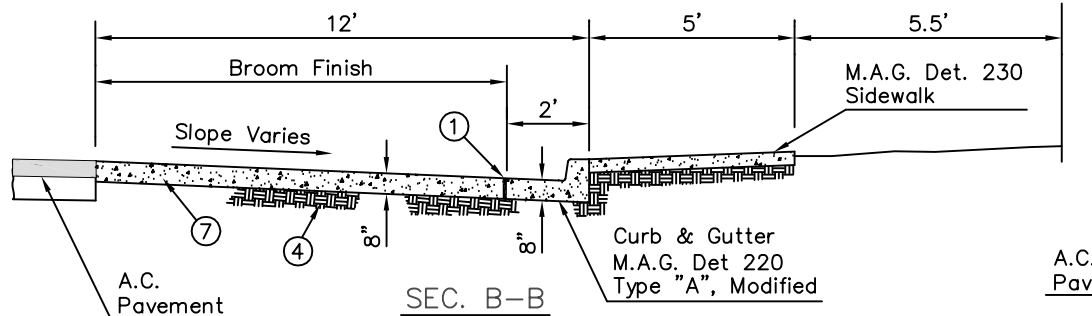
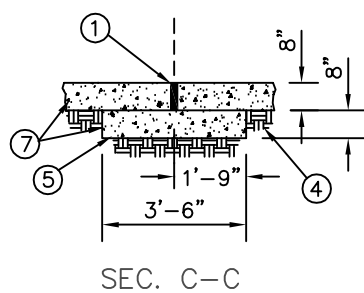
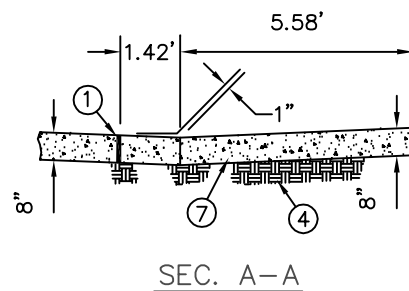
APPROVED BY: _____

MID-BLOCK BUS BAY - TYPE "B"

DETAIL NO. **2266-2**



- ① 1/2" BITUMINOUS PREFORMED EXPANSION JOINT FILLER, A.S.T.M. D-1751 PER MAG SECTION 729.
- ② TRANSITION CURB FACE FROM 6" TO 0" HEIGHT IN 5'
- ③ D/W WIDTHS & LOCATIONS VARY, SEE PLANS. MAINTAIN 10' MIN. CLEARANCE BETWEEN DRIVEWAYS AND SHELTER PAD. WHEN DRIVEWAY WIDTH EXCEEDS 22', PROVIDE A CONTRACTION JOINT ON D/W CL.
- ④ SUBGRADE PREPARATION PER MAG SECTION 301.
- ⑤ CONCRETE PAD TO BE POURED SEPARATELY FROM CONCRETE BUS BAY PAVEMENT.
- ⑥ CONTRACTION JOINTS IN THE BUS BAY PAVEMENT SHALL MATCH THOSE IN THE CURB.
- ⑦ CONCRETE SHALL BE CLASS "A" PER MAG SECTION 725
- ⑧ TRANSIT SHELTER PAD, PER COS STD DETAIL 2269.
- ⑨ NEW CONCRETE D/W TO BE POURED WITH BUS BAY PAVEMENT.
- ⑩ CURB & GUTTER TO BUS BAY PAVEMENT TRANSITION.
- ⑪ CURB RADIUS AS SHOWN ON THE PLANS

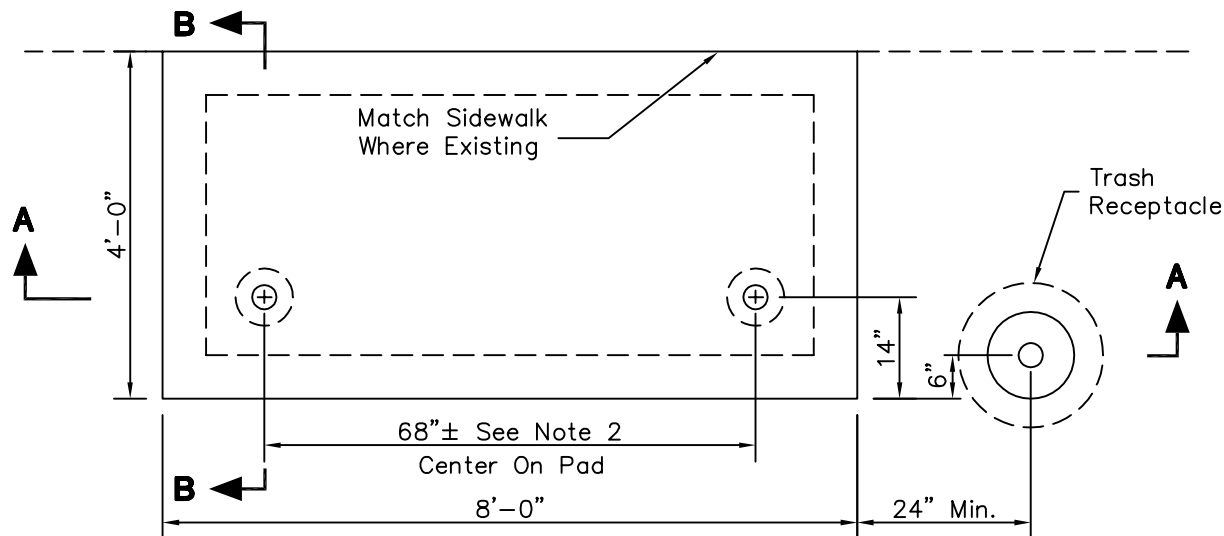


DETAIL NO. **2267** **City of Scottsdale**
Standard Details

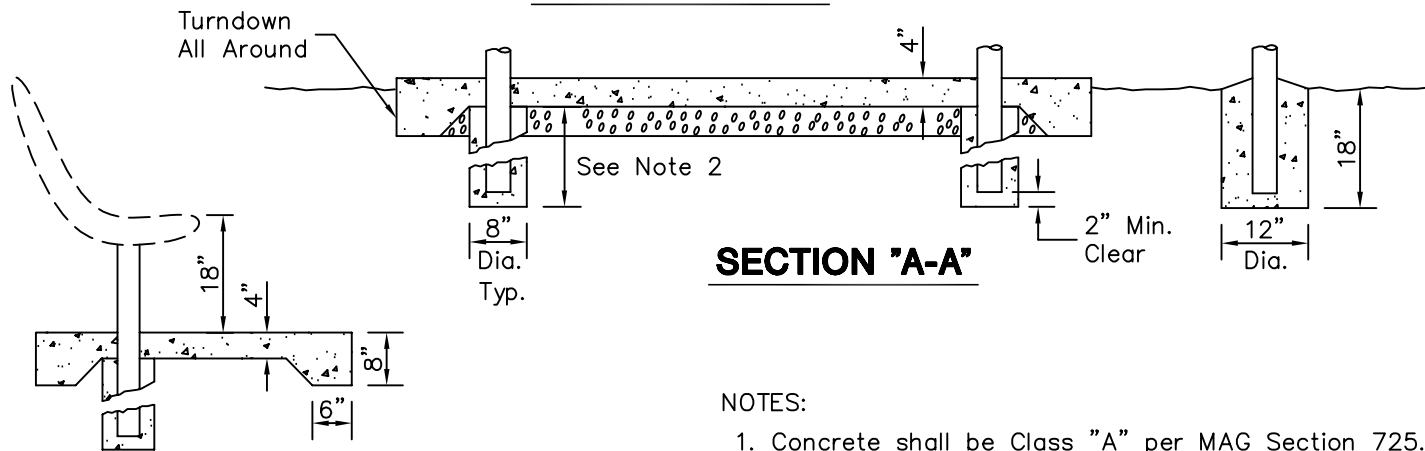
APPROVED BY: _____

FAR - SIDE BUS BAY

DETAIL NO. **2267**



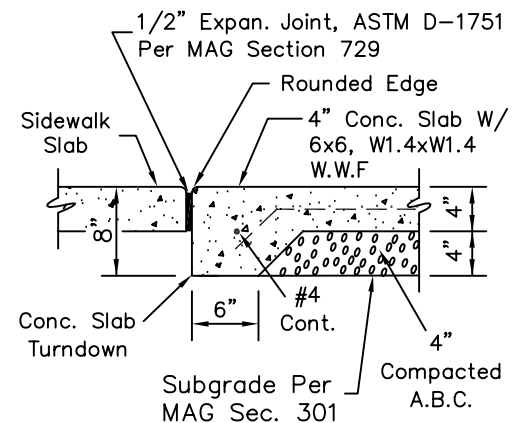
BASE SLAB PLAN



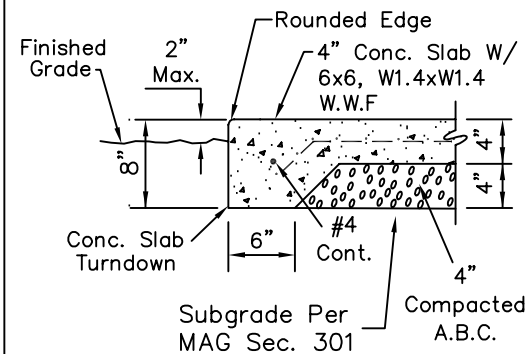
SECTION "A-A"

NOTES:

1. Concrete shall be Class "A" per MAG Section 725. Slab surface shall be trowel finish with salt pitted appearance and random sweat. Use integral color when specified on the plans.



SLAB EDGE AT SIDEWALK



SLAB EDGE AT GRADE

SECTION "B-B"

DETAIL NO.
2268

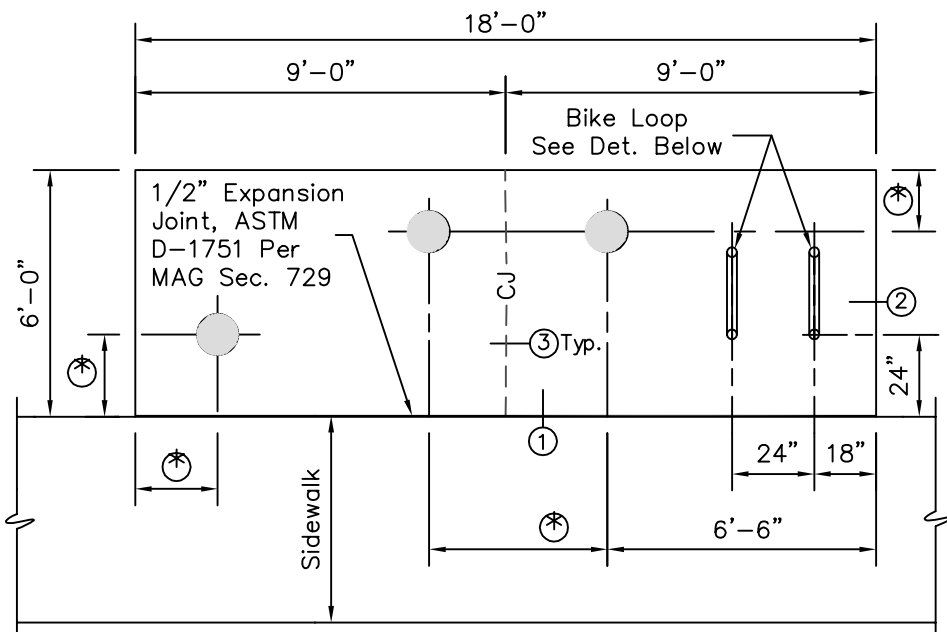
City of Scottsdale
Standard Details

APPROVED BY:

**BASE SLAB AND FOUNDATIONS FOR
BUS STOP BENCH AND RECEPTACLES**

DETAIL NO.
2268

REVISED 7/1/97



SHELTER SLAB PLAN

NOTES:

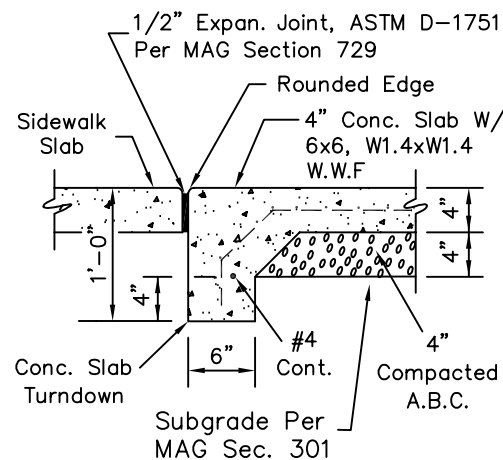
1. Concrete shall be Class "A" per MAG Sec. 725. Slab surface shall be trowel finish with salt pitted appearance and random sweat. Use integral color when specified on the plans.
2. "⊗" Blockout locations for bench and trash receptacle as shown on Plans or specified by the Engineer.

LEGEND

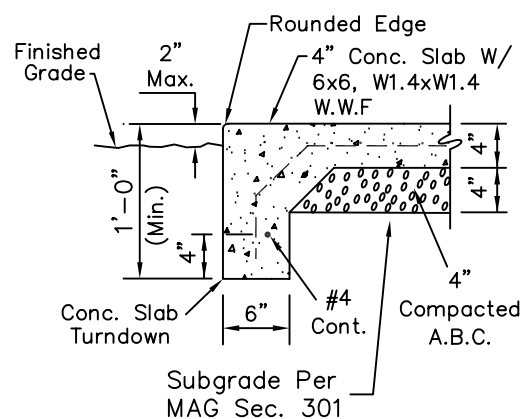
--- CJ --- Control Joints



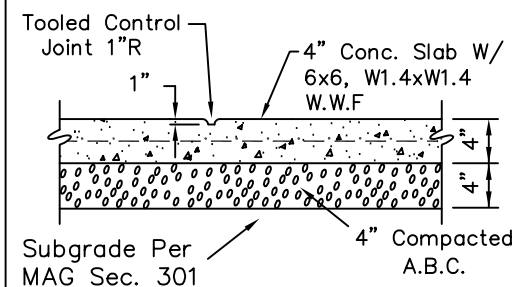
12" Dia. Blockout For Bench & Trash Receptacle



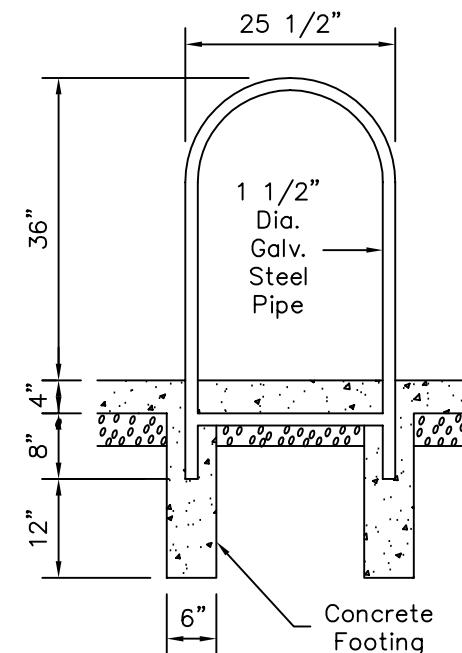
① SLAB EDGE AT SIDEWALK



② SLAB EDGE AT GRADE



③ SLAB CONTROL JOINTS



BIKE LOOP DETAIL

DETAIL NO.

2269

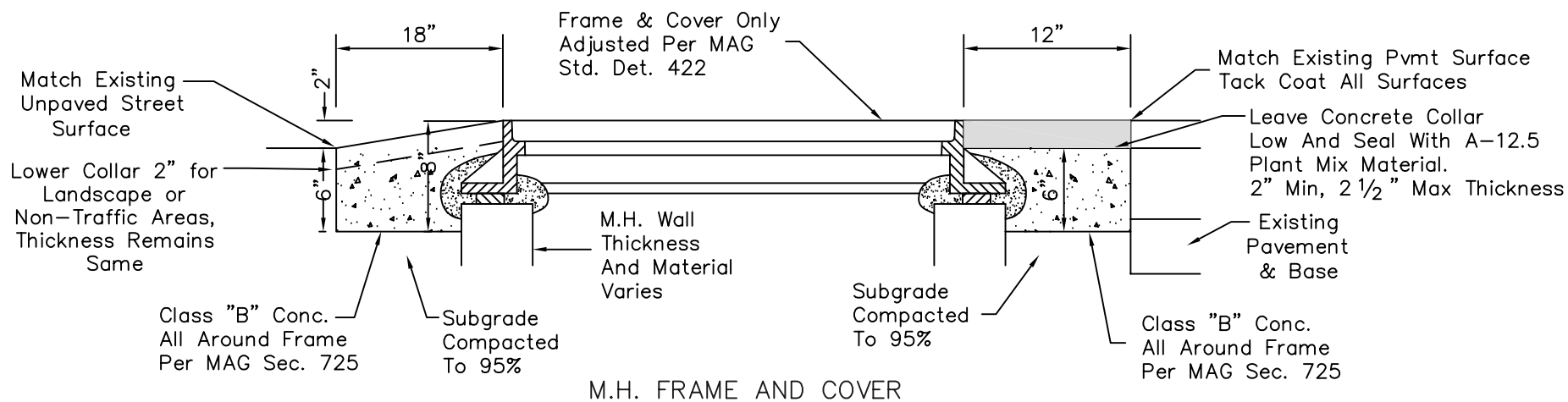
City of Scottsdale
Standard Details

APPROVED BY:

TRANSIT SHELTER PAD

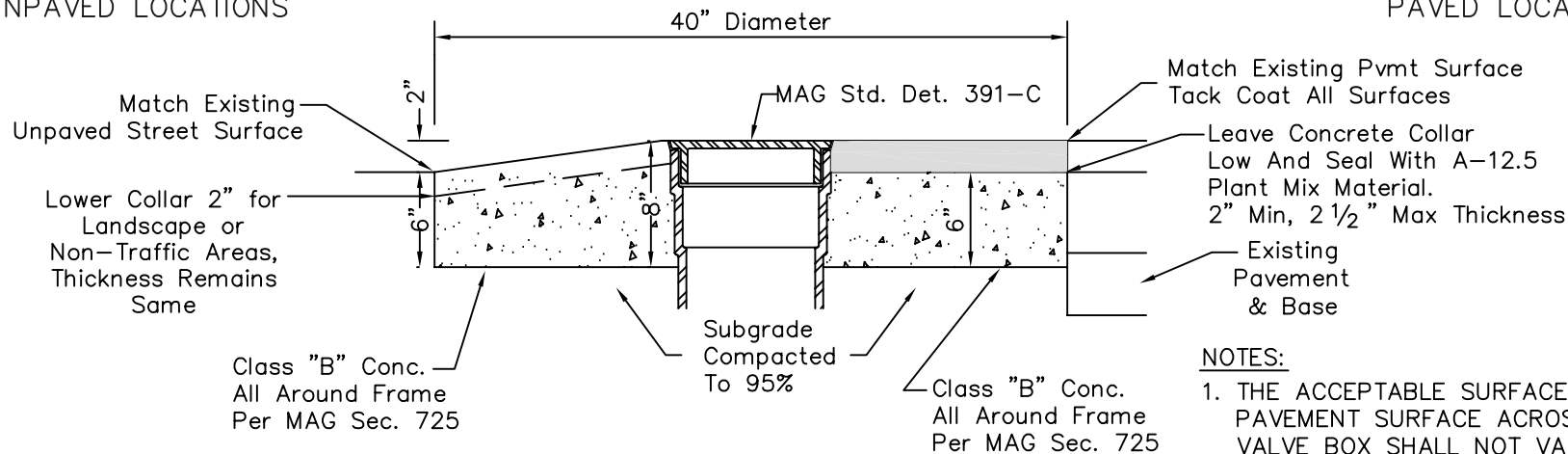
DETAIL NO.

2269



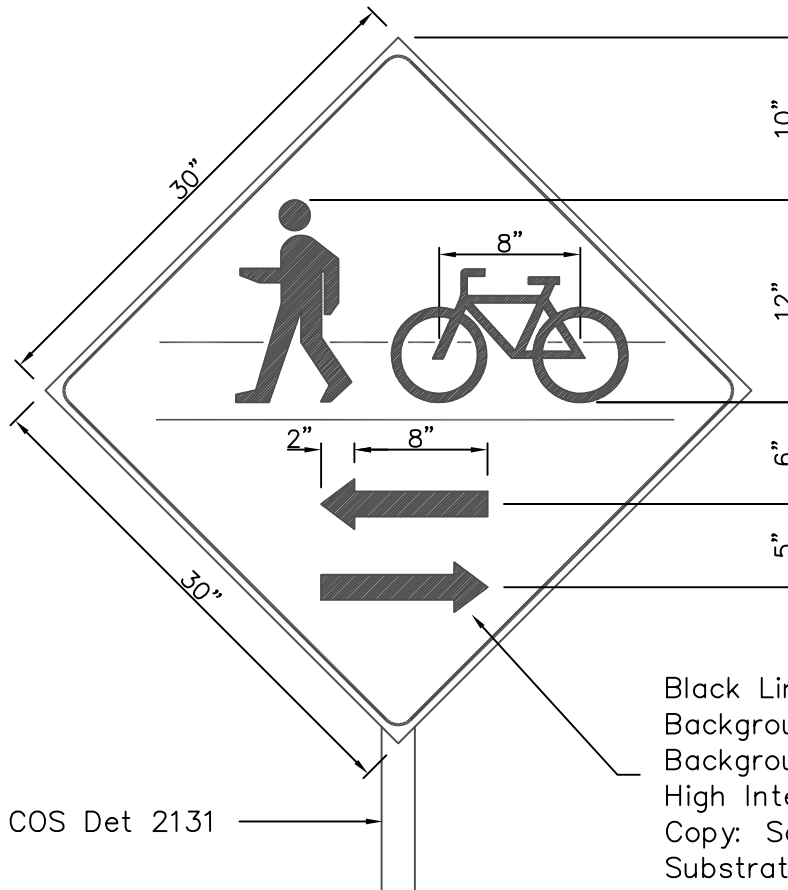
UNPAVED LOCATIONS

PAVED LOCATIONS



NOTES:

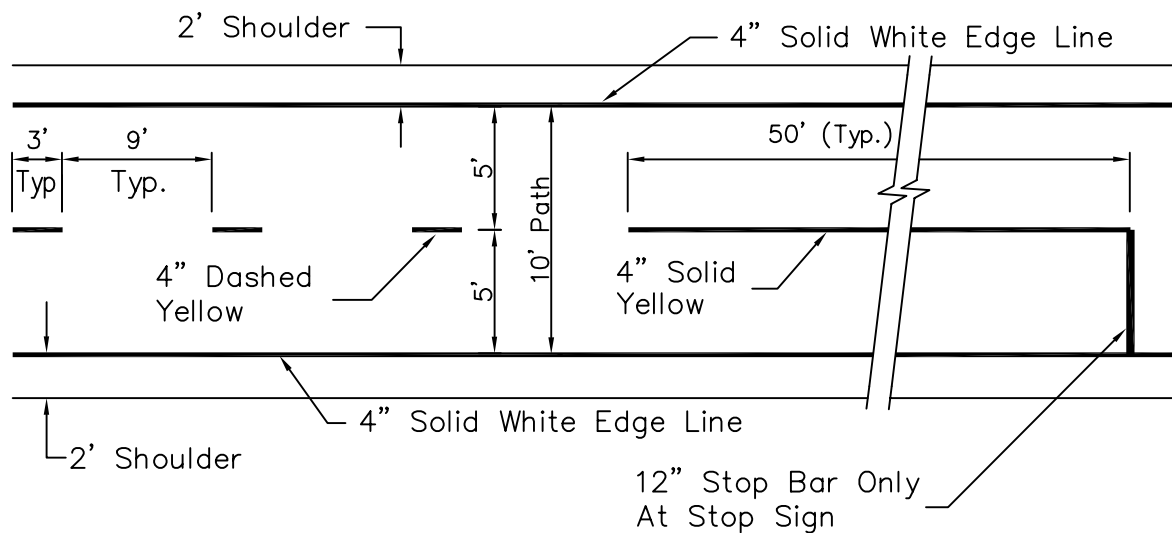
1. THE ACCEPTABLE SURFACE PROFILE FROM THE PAVEMENT SURFACE ACROSS THE MANHOLE OR VALVE BOX SHALL NOT VARY MORE THAN 1/4 INCH FROM THE LOWER EDGE OF A 12 FOOT STRAIGHTEDGE WHEN THE STRAIGHTEDGE IS PLACED PARALLEL AND PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY.



Install Per COS Det 2131

Black Lines On Yellow Reflectorized
Background (Typ.)
Background: Super Engineer Grade Or
High Intensity Sheeting
Copy: Same As Above
Substrate: 0.080 Gauge Treated Aluminum

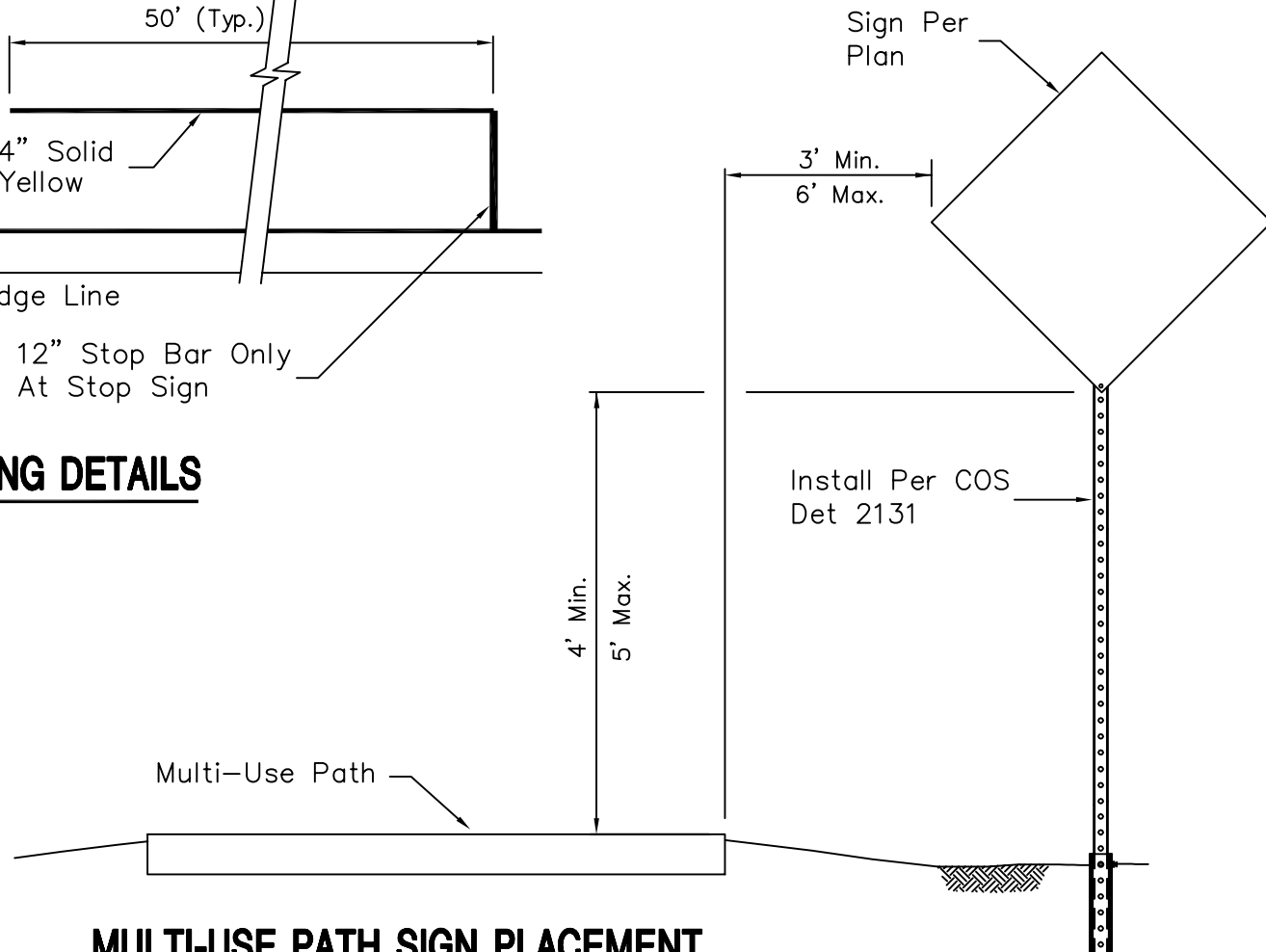
MULTI-USE PATH CROSSING SIGN



MULTI-USE PATH STRIPING DETAILS

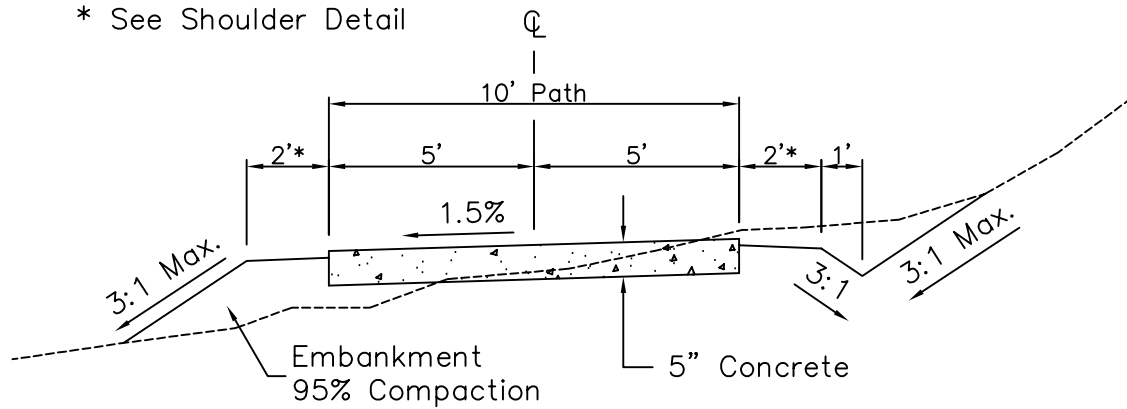
NOTE:

Striping shall be reflectorized paint with glass beads per COS Specifications Sec. 402.2

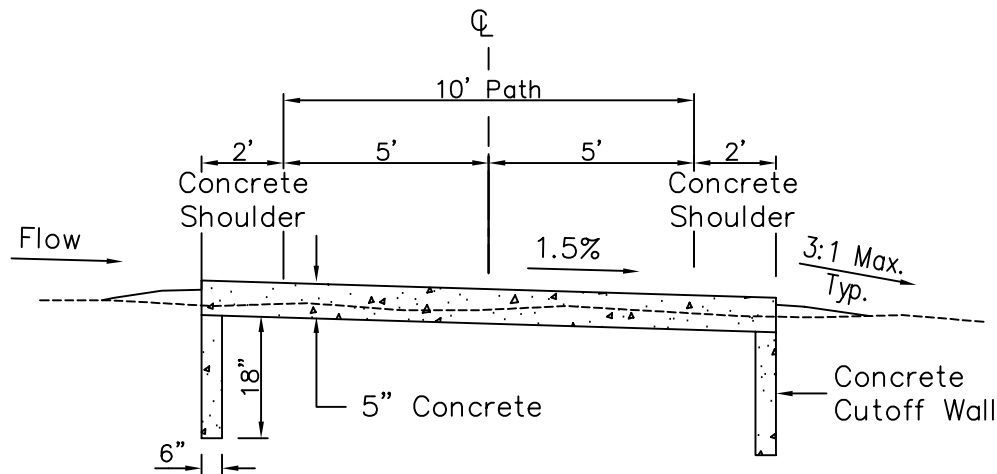


MULTI-USE PATH SIGN PLACEMENT

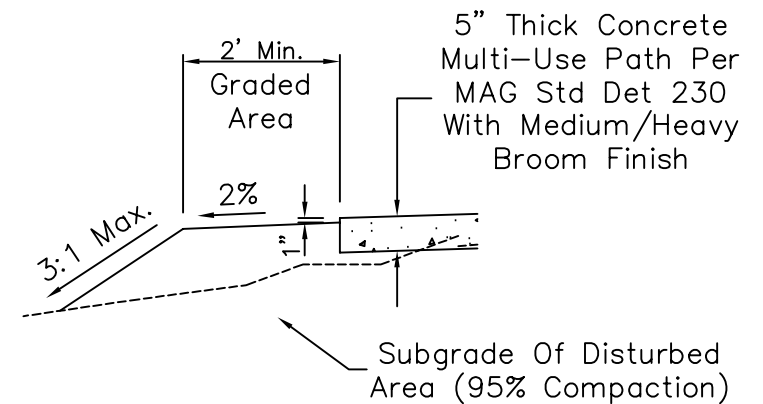
* See Shoulder Detail



MULTI-USE PATH DETAIL



MULTI-USE PATH WET AREA CROSSING

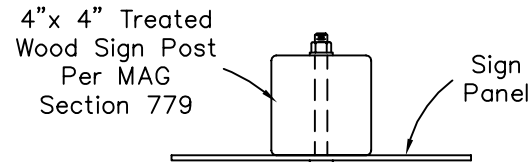
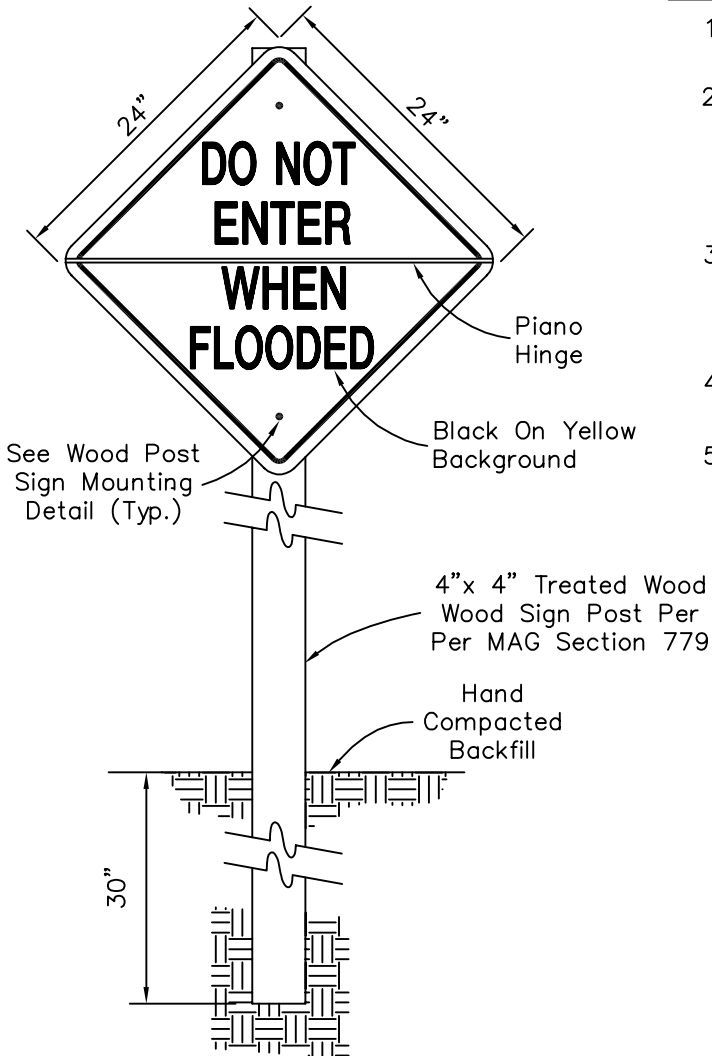


SHOULDER DETAIL

Note: A 3' x 3' Test Panel Shall Be Poured and the finish approved by COS Bicycle Staff At (480)312-7696.

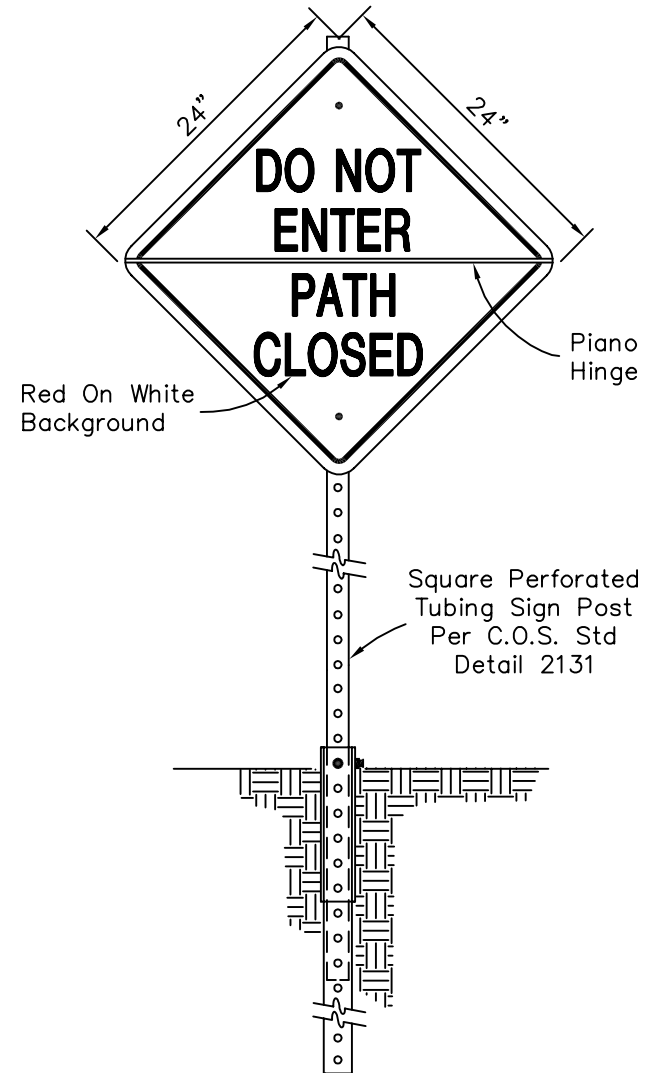
NOTES:

1. Signs shall conform to C.O.S. Supplemental Specifications, Section 402.3.
2. Signs to be mounted on square perforated tubing per C.O.S. Std Det 2131 within C.O.S. Right-of-Way. Treated wood post may be used for trail markers located outside C.O.S. Right-of Way.
3. Legends and borders shall be vinyl sheeting on a reflectorized vinyl background (colors as noted) unless otherwise approved by the City of Scottsdale.
4. Sign height and placement shall conform to C.O.S. Std. Det. 2282.
5. For additional information regarding sign fabrication, contact the City of Scottsdale Sign Shop, 312-5646.



Fasten With (2) 1/2"x 2" Lag Screws With (2) Flat Washers or (2) 1/2"x 4 1/2" Bolts With (4) Flat Washers. Burr Threads And Nuts With Center Punch.

WOOD POST SIGN MOUNTING DETAIL



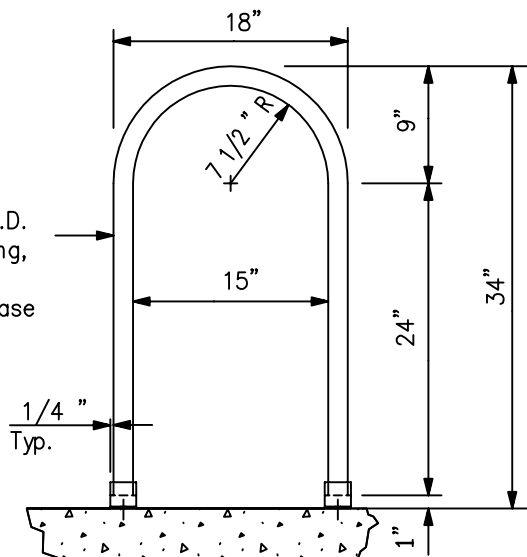
DETAIL NO.
2284 City of Scottsdale
Standard Details

APPROVED BY: _____

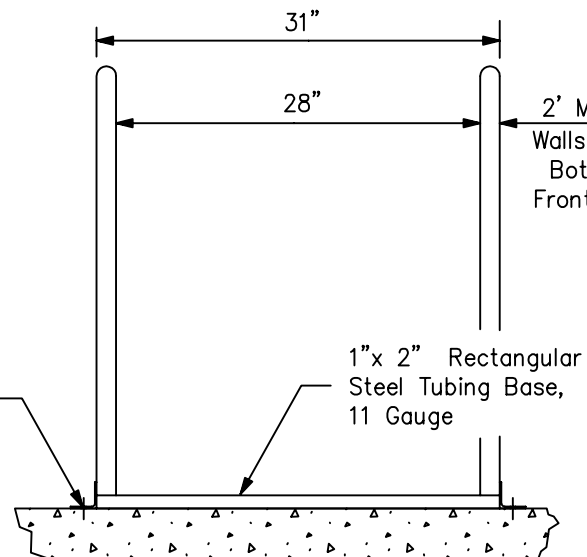
MULTI-USE PATH WET CROSSING SIGN

DETAIL NO.
2284

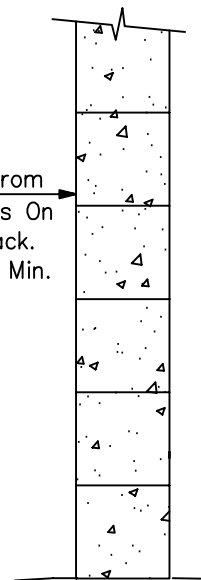
Upright
Supports
1 1/2" O.D.
Steel Tubing,
11 Gauge
Weld To Base



1/8" x 2" x 2" x 0'-2"
Angle Anchor Brackets
w/ 1/2" ϕ Hole. Weld
To Base. (4 Req'd)



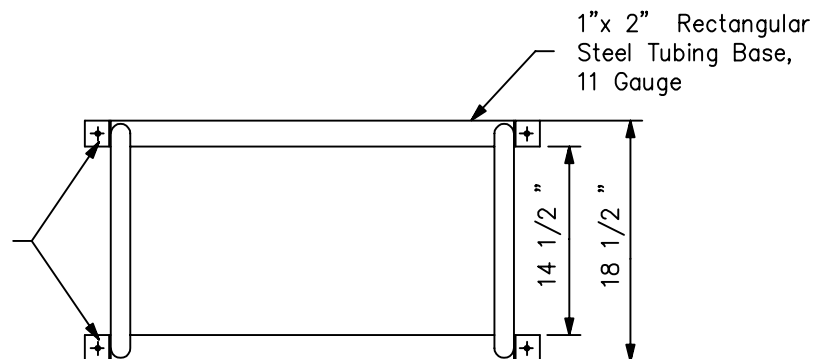
2' Min. Clearance From
Walls Or Obstructions On
Both Sides And Back.
Front To Have A 6' Min.
Clear Area.



NOTES:

1. Double rack holds 4 bicycles.
2. Finish to be weather resistant, baked-on powder polymer coating.
3. Anchor rack to concrete w/ 3/8" ϕ x 2 1/2" wedge anchors, (4 Req'd) or set tubing 12" below grade in 24" deep x 6" wide concrete footing.
4. Concrete base may be covered with turf or decomposed granite.
5. Placement of bicycle rack shall be convenient to main entrance and in a highly visible area.

1/8" x 2" x 2" x 0'-2"
Angle Anchor Brackets
w/ 1/2" ϕ Hole. Weld
To Base. (4 Req'd)



DETAIL NO.
2285

**City of Scottsdale
Standard Details**

APPROVED BY:

DOUBLE BICYCLE RACK

DETAIL NO.
2285